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# Catalogue of New World Grasses (Poaceae): I. Subfamilies Anomochlooideae, Bambusoideae, Ehrhartoideae, and Pharoideae

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Washington, DC 2000

# ABSTRACT

Judziewicz, Emmet J., Robert J. Soreng, Gerrit Davidse, Paul M. Peterson, Tarciso S. Filgueiras, and Fernando O. Zuloaga. Chief Editor, Robert J. Soreng. Catalogue of New World Grasses: I. Subfamilies Anomochlooideae, Bambusoideae, Ehrhartoideae, Pharoideae.-- Nomenclature, taxonomy, synonymy, original publications, type collections, secondary references using the accepted names, and distribution by country and Caribbean region within the New World are presented for taxa within four grass subfamilies: Anomochlooideae, Bambusoideae, Ehrhartoideae, and Pharoideae. Taxonomic synonymy is presented for all taxa at all ranks (other than ranks applying to cultivated taxa) known to occur natively in the New world. In addition, data on introduced species are recorded. The work covers 1294 binomial names, which are denoted as; 1 - accepted, 2 - tentatively accepted, 3 - unknown or of uncertain application, synonyms, or invalid. Names numbered 1—3 are additionally marked as cultivated in, introduced to, or excluded (2 taxa) from the region. Other works using the accepted names are cited. The number of accepted genera = 72 (51 native, 21 cultivated and/or introduced. The number of accepted or tentatively accepted species = 608 (509 native, 99 introduced), and unknown or of uncertain applications species = 10. A classification of these four subfamilies, Anomochlooideae, Bambusoideae, Ehrhartoideae, and Pharoideae is presented.

KEY WORDS: Grasses, Classification, Nomenclature, Taxonomy, Bamboos, Poaceae, Gramineae, Anomochlooideae, Bambusoideae, Ehrhartoideae, Pharoideae.

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# Catalogue of New World Grasses (Poaceae): I. Subfamilies Anomochlooideae, Bambusoideae, Ehrhartoideae, and Pharoideae.

Emmet J. Judziewicz, Robert J. Soreng, Gerrit Davidse, Paul M. Peterson, Tarciso S. Filgueiras and Fernando O. Zuloaga.[1]
Chief Editor, Robert J. Soreng

## INTRODUCTION

The Catalogue of New World Grasses (CNWG) project is an in-progress effort led by the authors to present the current nomenclature, taxonomy, types, and distribution of grasses for the region. Contributions of treatments of genera were/are solicited from the agrostological community. For the present volume contributors were: Lynn Clark for *Chusquea*, Victoria Hollowell for *Pariana* and *Eremitis*, Ximena Londoño for *Guadua*, and Edward Terrell and Melvin Duvall for all genera of Oryzeae. Emmet Judziewicz contributed all genera of Anomochlooideae and Pharoideae, and all native genera of Bambusoideae, and Robert Soreng treated the introduced Bambuseae genera (the latter are undoubtedly incomplete as new introductions are being made all the time).

For native taxa of subfamilies Anomochlooideae, Bambusoideae, and Pharoideae, the CNWG complements the book *American Bamboos* (Judziewicz et al.1999). The later publication discusses, plant form and diversity, life history, ecology, geographic distribution of genera, uses, cultivation, and evolution of these groups, and provides keys to genera, descriptions of genera, and lists of accepted species and infraspecific taxa, along with many illustrations.

## MATERIALS AND METHODS

The data were recorded in and downloaded from TROPICOS (Fica and Beiser, 1995), the Missouri Botanical Garden's (MBG) taxonomic database. TROPICOS is PICK based database program developed by Bob Magill, Director of Research MBG. All data were entered into TROPICOS from terminals at the Missouri Botanical Garden, or by using Telnet access from remote locations (especially Washington, DC), or by downloading data from a PC version of TROPICOS. The complete and continuously updated data are accessible online through $W^3$TROPICOS at:

http://mobot.mobot.org/Pick/Search/pick.html

Names of taxa, their original publication citations, authorities, and type protologues, primarily taken from the *Index to Grass Species* (Chase and Niles, 1962), were recorded in the Nomenclature and Types files of TROPICOS. Direct links were established between basionyms, combinations, new names, and autonyms. Additional names and types were recorded from *Kew Index* supplements from 1950 to present (Jackson, 1893+), *Gray Herbarium Index* (Gray Herbarium Staff,

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1903+), and other primary and secondary sources (see Bibliography). Type specimen data were augmented by the records from the Smithsonian Type Register.

Synonymy and distribution according to authors of various floras, monographs, revisions, and checklists were recorded in the Synonymy and Distribution files which are linked to the Nomenclatural files. For CNWG, the contributors of each genus were provided these nomenclatural, taxonomic, and distributional data and asked to review the data, add missing names, and assign to each name a level of acceptance or indicate an accepted name for synonyms. In addition, the contributors were asked to accept, reject, or add to the distributions provided by the collective sources.

Synonymy and distribution recognized by the CNWG contributors for each genus were then recorded in the synonymy and distribution files. Additional data were then linked to the names in a separate Flora file, including the status of the name, the level of acceptance, the generic reference from synonymy and distribution, special notes and references, and the suprageneric classification.

A list, with formatting codes, of all names applicable to the four subfamilies (using our classification; see below) was generated from the database. Camera-ready copy was then produced through a macro written by Peter Jørgensen for Microsoft Word 97.

Standards set forth for authors of plant names (Brummitt & Powell 1992), literature citations (Stafleu & Cowan 1983+; and Stafleu & Mennega 1992+; Lawrence et al. 1968); Birdson & Smith 1991), and herbarium acronyms (Holmgren et al. 1990), were followed.

# GUIDE TO USING THE CATALOGUE OF NEW WORLD GRASSES

## Nomenclature

Taxa of all ranks (excluding taxa treated under the *International Code of Nomenclature for Cultivated Plants*) within Poaceae were included.

## Taxonomy

Accepted and tentatively accepted names are in **bold face**. Names of unknown or of uncertain application, and synonyms are in *italics*.

## Synonymy

We attempted to include all names published for native New World taxa, but generally only cover the better known synonyms for introduced taxa.

## Levels of Acceptance and Status

Each name not placed in synonymy was assigned a level of acceptance or confidence in the taxonomy. Names of all numbered taxa are validly published and legitimate, unless otherwise noted.

1 = Accepted.
2 = Tentatively accepted.
3 = Unknown or of uncertain application.

Status of names refers to their recognition as either accepted, synonyms, and as native, introduced, or excluded. Synonymy may or may not be indicated for invalid names depending on the state of knowledge concerning them. They are presented here so that users will not have to re-verify them each time they turn up in the literature. We recommend they not be repeated again elsewhere.

Cultivated = Cultivated (native or not).
Introduced = Introduced to the New World.
Excluded = Excluded from the region covered by the CNWG. This covers taxa previously said to occur in the region, but the occurrence demonstrated to be in error, and/or taxa that have been included in otherwise endemic New World genera, but that are now recognized in different genera not occurring in the New World.

## Distribution

The geographical range covered is North America, Mesoamerica, and South America, from Greenland to Tierra del Fuego. As this is a large-scale project, floristically related islands are included with adjacent countries (e.g.,

Galápagos Islands are included with Ecuador, St.-Pierre et Miquelon are included with Canada, the Falkland or Malvinas islands are included with Argentina). The Caribbean island nations are treated collectively.

## Abbreviations for distributions by country or Caribbean Region

Arge = Argentina (including Falkland Islands).
Beli = Belize.
Boli = Bolivia.
Braz = Brazil.
Cana = Canada.
Cari = Caribbean (including all island nations).
Chil = Chile (including Juan Fernandez Islands).
CoRi = Costa Rica.
Guya = Guyana.
Ecua = Ecuador (including Galápagos Islands).
ElSa = El Salvador.
FrGu = French Guiana.
Guat = Guatamala.
Hond = Honduras.
Mexi = Mexico.
Nica = Nicaragua.
Pana = Panama.
Para = Paraguay.
Peru = Peru.
Suri = Surinam.
USA = United States of America.
Urug = Uruguay.
Vene = Venezuela.

## Abbreviations used in subheadings

ALSO ACCPTD. BY = Also Accepted by.
CNSLTD. LIT. = Consulted literature.
DST. = Distribution.
E. HOM. = Earlier homonym.
LVL. ACCPTC. = Level of Acceptance.
NHT = Next Higher Taxon (in rank).
SPP. = Number of accepted species.
SYN. = Synonym(s).
TRTD. BY = Treated by.

## Abbreviations and codes used in NOTES

nom. nov. = nomen novum, new name or avowed substitute name
nom. nud. = nomen nudum, naked name.
nom. inval. = nomen invalidum, invalid name.
nom. illeg. = nomen illegitimum, illegitimate name.
nom. illeg. superfl. = nomen illegitimum et superfluum, superfluous illegitimate name.
hom. illeg. = homonymum illegitimum, illegitimate name, a later homonym.
isonym = a subsequent unnecessary publication of a combination already validly published of that earlier name that is superfluous and a homonym at the same time.
as syn. = in synonymo, an invalid name originally published as a synonym of another, earlier validly published name.
Basionym: A name on which combinations or transfers of rank, if any, are based.
Blocking Name: A name (most often an earlier homonym) preventing the adoption of another name.
Replaced Name: A name (later homonym) which a nomen novum replaced.
Correct Name: A nomenclaturally valid and legitimate name that could have been adopted for an illegitimate name.

## Abbreviations used for Types

T-Protol. = type protologue (type specimen data cited in the original publication).
T-Specim. = type specimen (from specimen labels).
Kinds of Types: HT = holotype, IT = isotype, ILT = isolectotype, INT = isoneotype, LT = lectotype, NT = neotype, ST = syntype, T = any uncharacterized type material, fragm. = fragment of another type (mainly used for very incomplete specimens taken off other original specimens).
TRIN = C. B. Trinius herbarium LE, numbers corresponding to IDC microfiche specimen numbers (Soreng et al. 1995).

Types are cited twice if entered into the database in two ways, once under T-Protol., and again under T-Specim. This is because the data sometimes differ between what is stated in the published protologue and what is stated on specimen labels.

## Consulted Literature and Also Accepted By

Primary and secondary literature sources are cited as CNSLTD. LIT. under entries for genera. Other publications accepting the same taxonomy as the Catalogue of New World Grasses are listed under the heading: ALSO ACCPTD. BY.

## A CLASSIFICATION OF NEW WORLD POACEAE, SUBFAMILIES: ANOMOCHLOOIDEAE, BAMBUSOIDEAE, EHRHARTOIDEAE, AND PHAROIDEAE

Poaceae subfamilies, tribes, subtribes, and genera are listed below for grasses occurring in the New World ("**i**"= genera with no native species in the New World; "**c**"= genera occurring in the New World principally in cultivation). Alignments reflect recent classifications (especially Clayton and Renvoize, 1986; Soderstrom and Ellis, 1987) and much new molecular data (Clark, Zhang, and Wendel, 1995; Duvall et al., 1993; Duvall and Morton, 1996; Hsiao et al., 1999; Judziewicz et al., 1999; Soreng and Davis, 1998; Soreng et al., ined.), and interpretations by the present authors.

**subfam.** Anomochlooideae (SYN.: Streptochaetoideae)
**tribe** Anomochloeae: *Anomochloa*
**tribe** Streptochaeteae: *Streptochaeta*

**subfam.** Bambusoideae (SYN.: Olyroideae, Parianoideae)
**tribe** Bambuseae (SYN.: Arthrostylidieae, Arundinarieae, Baccifereae, Chusqueeae, Hickelieae, Shibataeeae)
**subtribe** Arthrostylidiinae: *Actinocladum*, *Alvimia*, *Arthrostylidium*, *Athroostachys*, *Atractantha*, *Aulonemia*, *Colanthelia*, *Elytrostachys*, *Glaziophyton*, *Merostachys*, *Myriocladus*, *Rhipidocladum*
**subtribe** Arundinariinae: *Arundinaria*, *Chimonobambusa* **c**,**i**, *Fargesia* **c**,**i**, *Indocalamus* **c**,**i**, *Pleioblastus* **c**,**i**, *Pseudosasa* **c**,**i**, *Sasa* **c**,**i**, *Sinarundinaria* **c**,**i**, *Thamnocalamus* **c**,**i**
**subtribe** Bambusinae (SYN.: Dendrocalaminae): *Bambusa* **c**,**i**, *Dendrocalamopsis* **c**,**i**, *Dendrocalamus* **c**,**i**, *Gigantochloa* **c**,**i**
**subtribe** Chusqueinae (SYN.: Neurolepidinae): *Chusquea*, *Neurolepis*
**subtribe** Guaduinae: *Apoclada*, *Criciuma*, *Eremocaulon*, *Guadua*, *Olmeca*, *Otatea*
**subtribe** Melocanninae (SYN.: Schizostachydinae): *Cephalostachyum* **c**,**i**, *Melocanna* **c**,**i**, *Ochlandra* **c**,**i**, *Schizostachyum* **c**,**i**,
**subtribe** Shibataeniae: *Phyllostachys* **c**,**i**, *Semiarundinaria* **c**,**i**, *Shibataea* **c**,**i**, *Sinobambusa* **c**,**i**
**tribe** Olyreae (SYN.: Buergersiochloeae, Parianeae)
**subtribe** Olyrinae: *Agnesia*, *Arberella*, *Cryptochloa*, *Diandrolyra*, *Ekmanochloa*, *Froesiochloa*, *Lithachne*, *Maclurolyra*, *Mniochloa*, *Olyra*, *Parodiolyra*, *Piresia*, *Piresiella*, *Raddia*, *Raddiella*, *Rehia*, *Reitzia*, *Sucrea*
**subtribe** Parianinae: *Eremitis*, *Pariana*

**subfam.** Ehrhartoideae (SYN.: Oryzoideae)
**tribe** Ehrharteae: *Ehrharta* **i**
**tribe** Oryzeae (SYN.: Zizanieae)
**subtribe** Luziolinae: *Luziola*, *Zizaniopsis*
**subtribe** Oryzinae: *Leersia*, *Oryza* **c**, *Rhynchoryza*
**subtribe** Zizaniinae: *Zizania*
**tribe** Streptogyneae: *Streptogyna*

**subfam.** Pharoideae (SYN.: Leptaspidoideae)
**tribe** Phareae (SYN.: Leptaspideae): *Pharus*

## ACKNOWLEDGEMENTS

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# CATALOGUE OF NEW WORLD GRASSES

**Actinocladum** McClure ex Soderstr., Amer. J. Bot. 68(9): 1201. 1981. TYPE: *Actinocladum verticillatum* (Nees) McClure ex Soderstr.
TRTD. BY: Judziewicz.
NHT: Arthrostylidiinae. SPP.: 1
CNSLTD LIT.: Soderstrom (1981c).

**Actinocladum verticillatum** (Nees) McClure ex Soderstr., Amer. J. Bot. 68(9): 1204, f. 1-39. 1981. Basionym: *Arundinaria verticillata* Nees
NOTE: without exact basionym page
DST.: Boli, Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (1991); Filgueiras (ined.); Killeen (1990); Renvoize (1998).
SYN.: *Arundinaria verticillata* Nees; *Ludolfia verticillata* (Nees) A. Dietr.; *Rhipidocladum verticillatum* (Nees) McClure.

**Agnesia** Zuloaga & Judz., Novon 3(3): 306, f. 1. 1993. TYPE: *Agnesia lancifolia* (Mez) Zuloaga & Judz.
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 1
CNSLTD LIT.: Judziewicz & Zuloaga (1993).

**Agnesia lancifolia** (Mez) Zuloaga & Judz., Novon 3(3): 307, f. 1. 1993. Basionym: *Olyra lancifolia* Mez
DST.: Braz, Colo, Peru.
LVL. ACCPTC.: 1.
SYN.: *Olyra lancifolia* Mez.

**Alvimia** C.E. Calderón ex Soderstr. & Londoño, Amer. J. Bot. 75(6): 833. 1988. TYPE: *Alvimia auriculata* Soderstr. & Londoño
TRTD. BY: Judziewicz.
NHT: Arthrostylidiinae. SPP.: 3
CNSLTD LIT.: Soderstrom & Londoño (1988).

**Alvimia auriculata** Soderstr. & Londoño, Amer. J. Bot. 75(6): 833, f. 3-7, 12. 1988. T-Protol.: Brazil: Bahía: Mun. de Ilhéus: 16 km SW of Olivença on road to Vila Brasil, elev. 40 m, 21 May 1976, *C.E. Calderón, T.S. dos Santos & L.B. Oliviera 2444* [HT: CEPEC; IT: B, CANB, COL, DD, F, IAN, IBSC, INPA, K, L, MO, N, NF, PRE, RJ, S, SI, SP, U, US ]. T-Specim.: 1 of 1. Brazil: Bahia: Ilheus Mun., 21 May 1976, *C.E. Calderón, T.S. Santos & L.B. Oliveira 2444* [HT: CEPEC; IT: US-3173662, US-3143051, US-3143052, US-2926280, US-2926279, US-2926278, US-2926277, US-2926276, US-2922675, US-2922674, US-2926273].
DST.: Braz.
LVL. ACCPTC.: 1.

**Alvimia gracilis** Soderstr. & Londoño, Amer. J. Bot. 75(6): 835, f. 8, 11, 13-16. 1988. T-Protol.: Brazil: Bahia: Mun. of Ilhéus: SW of Olivença, on road to Vila Brasil, elev. 75 m, 22 May 1976, *C.E. Calderón, T.S. dos Santos & L.B. de Oliviera 2446* [HT: CEPEC; IT: CANB, COL, INPA, KYO, LE, MO, P, PE, S, SI, SP, U, US ]. T-Specim.: 1 of 1. Brazil: Bahia, 22 May 1976, *C.E. Calderón et al. 2446* [HT: CEPEC; IT: MO, US-2926310, US-2926309, US-2926308, US-2926307, US-2926306, US-2926305, US-2926304, US-2926303, US-2926302].
DST.: Braz.
LVL. ACCPTC.: 1.

**Alvimia lancifolia** Soderstr. & Londoño, Amer. J. Bot. 75(6): 837, f. 1-2, 9, 17. 1988. T-Protol.: Brazil: Bahia: Ilhéus Mun.: 8 Apr 1977, *Calderón 2456* [HT: CEPEC; IT: CANB, COL, DD, INPA, LE, MO, P, PE, PRE, US ]. T-Specim.: 1 of 1. Brazil: Bahia: Ilhéus Mun., 8 Apr 1977, *C.E. Calderón 2456* [HT: CEPEC: IT: MO, US-3173654, US-3173653, 3173652, US-3130000, US-3107001].
DST.: Braz.
LVL. ACCPTC.: 1.

**Anomochloa** Brongn., Ann. Sci. Nat., Bot., ser. 3, 16: 368. 1851. TYPE: *Anomochloa marantoidea* Brongn.
TRTD. BY: Judziewicz.
NHT: Anomochloeae. SPP.: 1
CNSLTD LIT.: Judziewicz & Soderstrom (1989).

**Anomochloa marantoidea** Brongn., Ann. Sci. Nat., Bot., ser. 3, 16: 368, t. 23. 1851. T-Protol.: Hab. e provinciae Bahiensi Brasiliae, *Morel*. T-Specim.: 1 of 1. Brazil: Bahia, 1842, *coll. unknown* [HT: P(fragm., US); IT: K].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1871); Judziewicz & Soderstrom (1989); Renvoize (1984).

**Anomochloeae** trib. C.E. Hubb., Fam. Fl. Pl., Monocot. 2: 219. 1934. TYPE: *Anomochloa* Brongn.
TRTD. BY: The authors.
NHT: Anomochlooideae.

**Anomochlooideae** subfam. Pilg. ex Potztal, Willdenowia 1: 772. 1957. TYPE: *Anomochloa* Brongn.
NOTE: without rank, rank assigned by ref. to Pilg., Bot. Jahrb. 76: 366-379. 1954.
TRTD. BY: The authors.
SYN.: subfam. *Anomochlooideae* Pilg.; subfam. *Streptochaetoideae* (Nakai) Butzin.

*Aplexia* Raf., Neogenyton 4. 1825. TYPE: *Leersia virginica* Willd.
= **Leersia** Sol. ex Sw.

*Aplexia virgata* Raf. ex B.D. Jacks., Index Kew. 1: 162. 1893.
NOTE: nom. inval., as syn. of *Leersia virginica* Willd.
= **Leersia virginica** Willd.

*Aplexia virginica* Raf. ex B.D. Jacks., Index Kew. 1: 162. 1893.
NOTE: nom. inval., as syn. of *Leersia virginica* Willd.
= **Leersia virginica** Willd.

**Apoclada** McClure, Fl. Il. Catarin. Gram. Supl. (Bambuseas): 57. 1967. TYPE: *Apoclada simplex* McClure & L.B. Sm.
TRTD. BY: Judziewicz.
NHT: Guaduinae. SPP.: 3
CNSLTD LIT.: Guala (1995).

**Apoclada arenicola** McClure, Smithsonian Contr. Bot. 9: 9, f. 1-2. 1973. T-Protol.: Brazil: Matto Grosso: between Bonito and Rondonopolis, from a single flowering plant among scattered colonies of plants in the vegetative state growing in sandy soil, 8 Apr 1930, *Agnes Chase 11886* [HT: US-1500498, US-1500499 ]. T-Specim.: 1 of 1. Brazil: Mato Grosso, 8 Apr 1930, *A. Chase 11886* [HT: US-1500498, US-1500499].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (ined.); Guala (1995).

**Apoclada cannavieira** (Silveira) McClure, Smithsonian Contr. Bot. 9: 12, f. 3. 1973. Basionym: *Arundinaria cannavieira* Silveira
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (1991); Filgueiras (ined.); Guala (1995).
SYN.: *Arundinaria cannavieira* Silveira.

*Apoclada diversa* McClure & L.B. Sm., Fl. Il. Catarin. Gram.-Suppl.: 62, f. 10z-10e. 1967. T-Protol.: Brazil: Santa Catarina: Cacador, rio Cacador, lugares umidos, 22 Nov 1946, *Swallen 8271* [HT: US ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 22 Jan 1946, *J.R. Swallen 8271* [HT: US-2152479; IT: US-2383418].
= **Apoclada simplex** McClure & L.B. Sm.

**Apoclada simplex** McClure & L.B. Sm., Fl. Il. Catarin. Gram.-Suppl.: 59, f. 10s-y. 1967. T-Protol.: Brazil: Santa Catarina: Campos Novos, Palmares, pinhal, 900 m, 27 Dec 1963, *Reitz & Klein 16355* [HT: US-2434535 ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 27 Dec 1963, *R. Reitz & R. Klein 16355* [HT: US-2434535; IT: HBR, NY, US-2434538, US-2434536, US-2434539, US-2434537].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Guala (1995); McClure (1973); Renvoize (1988); Smith, Wasshausen & Klein (1981).
SYN.: *Apoclada diversa* McClure & L.B. Sm.

**Arberella** Soderstr. & C.E. Calderón, Brittonia 31(4): 433. 1979. TYPE: *Arberella dressleri* Soderstr. & C.E. Calderón
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 7
CNSLTD LIT.: Soderstrom & Calderón (1979); Soderstrom & Zuloaga (1985a); Judziewicz, Davidse & Clark (1991); Davidse & Pohl (1992).

**Arberella bahiensis** Soderstr. & Zuloaga, Brittonia 37(1): 23, f. 1, 2. 1985. T-Protol.: Brazil: Bahia: Rodovia Bahia No. 2, N of Itirataia City, Fazenda Santo Antonio, frequent in forest on gentle slope, 17 Apr 1972, *C.E. Calderón & R.S. Pinheiro 2224* [HT: CEPEC; IT: CANB, F, K, LE, MO, NY, P, PRE, RB, SI, SP, US ]. T-Specim.: 1 of 1. Brazil: Bahia: Ibirataia Mun:, 17 Apr 1972, *C.E. Calderón & R.S. Pinheiro 2224* [HT: CEPEC; IT: US-2722737].
DST.: Braz, Vene.
LVL. ACCPTC.: 1.

**Arberella costaricensis** (Hitchc.) Soderstr. & C.E. Calderón, Brittonia 31(4): 439. 1979. Basionym: *Raddia costaricensis* Hitchc.
DST.: CoRi, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY:; Davidse, Sousa & Chater (1994).
SYN.: *Raddia costaricensis* Hitchc.

**Arberella dressleri** Soderstr. & C.E. Calderón, Brittonia 31(4): 433. 1979. T-Protol.: Panama: Colón: Santa Rita, ca. 25 km antes de Colón por la carretera Transístmica, terminación del camino maderero, al final del desvio del camino, 9 Mar 1968., *C.E. Calderón 2085* [HT: US; IT: MO ]. T-Specim.: 1 of 1. Panama: Colón, 9 Mar 1968, *C.E. Calderón 2085* [HT: US-2641979; IT: MO, US-2641978].
DST.: Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY:; Davidse, Sousa & Chater (1994).

**Arberella flaccida** (Döll) Soderstr. & C.E. Calderón, Brittonia 31(4): 443. 1979. Basionym: *Olyra flaccida* Döll
DST.: Braz, Colo, FrGu, Suri.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1991a).
SYN.: *Olyra flaccida* Döll.

**Arberella grayumii** Davidse, Novon 2(2): 94, f. 6. 1992. T-Protol.: Costa Rica: Puntarenas: along new road from Piedras Blancas to Rincón de Osa, 8.45N 83.21W, ca. 200 m, scattered on forest floor, 2 Jul 1984, *M. H. Grayum, J. Kress, B. Jacobs, G. Schatz, J. Kress & P. Sleeper 3402* [HT: MO; IT: CR, US ]. T-Specim.: 1 of 1. Costa Rica: Puntarenas, 2 Jul 1984, *M.H. Grayum, J. Jacobs, G. Schatz, J. Kress & P. Sleeper 3402* [HT: MO; IT: CR, US-3215620].
DST.: CoRi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse & Pohl (1992); Davidse, Sousa & Chater (1994).

**Arberella lancifolia** Soderstr. & Zuloaga, Brittonia 37(1): 25, f. 3, 4. 1985. T-Protol.: Panama: Panamá: El Llano-Carti highway, 19 km N of El Llano, 20 Feb 1973, *R.L. Dressler 4276* [HT: PMA; IT: K, MO, NY, SI, US ]. T-Specim.: 1 of 1. Panama: Panama, 20 Feb 1973, *R.L. Dressler 4276* [HT: PMA; IT: K, MO, NY, SI, US-2850469].
DST.: Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY:; Davidse, Sousa & Chater (1994).

**Arberella venezuelae** Judz. & Davidse, Novon 1(2): 76, f. 1. 1991. T-Protol.: Venezuela: Amazonas: Dept. Atabapo: 2 km abajo del Salto Yureba del Bajo [Río] Ventuari, 4.03N 66.02W, localmente frecuente en el sotobosque, 100-200 m, 24 Mar 1982, *Guánchez 1667* [HT: MO; IT: VEN ].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz, Davidse & Clark (1991).

*Arrozia* Schrad. ex Kunth, Enum. Pl. 1: 11. 1833. TYPE: *Arrozia micrantha* Schrad. ex Kunth; nom. illeg. superfl. **Caryochloa brasiliensis** Trin.
NOTE: nom. illeg. superfl.
= **Luziola** Juss.

*Arrozia micrantha* Schrad. ex Kunth, Enum. Pl. 1: 11. 1833.
NOTE: nom. illeg. superfl.
CORRECT NAME: *Caryochloa brasiliensis* Trin.
= **Luziola brasiliensis** (Trin.) Pilg.

*Arthrostylideae* trib. E.G. Camus, Bambusees 16. 1913. TYPE: *Arthrostylidium* Rupr.
= **Bambuseae** trib. Dumort.

**Arthrostylidiinae** subtrib. Soderstr. & R.P. Ellis, Grass Syst. Evol. 238. 1987. TYPE: *Arthrostylidium* Rupr.
TRTD. BY: The authors.
NHT: Bambuseae.

**Arthrostylidium** Rupr., Bambuseae 27. 1839. TYPE: *Arthrostylidium cubense* Rupr.; LT designated by Hitchcock, Contr. U.S. Natl. Herb. 24: 307 (1927)
NOTE: also Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 5(2): 117 (1840)
TRTD. BY: Judziewicz.
NHT: Arthrostylidiinae. SPP.: 32
CNSLTD LIT.: McClure (1973); Judziewicz & Clark (1993); Davidse & Pohl (1992); Clark (1985).

*Arthrostylidium ampliflorum* McClure, J. Wash. Acad. Sci. 32(6): 167, f. 1. 1942. T-Protol.: Venezuela, *H. Karsten s.n.* [HT: US-1126694 ]. T-Specim.: 1 of 1. Venezuela, no date, *H. Karsten s.n.* [HT: US-1126694].
= **Rhipidocladum ampliflorum** (McClure) McClure

*Arthrostylidium amplissimum* (Nees) McClure, Fieldiana, Bot. 28(1): 33. 1951. Basionym: *Arundinaria amplissima* Nees
= **Aulonemia amplissima** (Nees) McClure

*Arthrostylidium angustiflorum* Stapf, Bull. Misc. Inform. Kew 1913: 268. 1913. T-Protol.: Tropical America, Messrs. Sanders & Sons Nursery, Bruges, 1913 [HT: K ]. T-Specim.: 1 of 1. Tropical America, no date, *Anonymous s.n.* [T: US-2808821].
= **Rhipidocladum angustiflorum** (Stapf) McClure

**Arthrostylidium angustifolium** Nash, Torreya 3(11): 172. 1903. T-Protol.: Cuba: collected on El Yunque Mountain, Baracoa, Mar 1903, *Underwood & Earle 941* [HT: NY]. T-Specim.: 1 of 1. Cuba: Oriente: El Yunque Mtn., Baracoa, Mar 1903, *L.M. Underwood & F.S. Earle 941* [HT: NY; IT: US-2808822].
DST.: Cari.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Catasus Guerra (1987); Hitchcock (1936); McClure (1973).

*Arthrostylidium aristatum* Glaz. ex Camus, Bambusees 67, Atlas t. 40, f. A. 1913. T-Protol.: Brasil: Rio de Janeiro pres de Petropolis, *Glaziou s.n.*
= **Aulonemia setigera** (Hack.) McClure

**Arthrostylidium auriculatum** Londoño & L.G. Clark, Novon 8(4): 410, f. 1. 1998. T-Protol.: Colombia: Antioquia: Mun. Amalfi: km 11.6 de la via Amalfi-Porce, a orilla de la Quebrada Caracolí, 1510(-2000) m, 15 Jun 1994, *X. Londoño & L.G. Clark 895* [HT: HUA; IT: AAU, COL, ISC, JAUM, K, MEDEL, MO, NY, TULV, US].
DST.: Colo.
LVL. ACCPTC.: 1.

**Arthrostylidium banaoense** Cat. Guerra, Acta Bot. Cub. 37: 6. 1987. T-Protol.: Cuba: prov. de Sancti Spiritus: Sierra de Banao, Oct 1941, *A. Lune ex León 20441* [HT: HAC-656 ].
DST.: Cari.
LVL. ACCPTC.: 1.

*Arthrostylidium bartlettii* McClure, Phytologia 5(1): 81. 1954. T-Protol.: Guatemala: collected in jungle, near a dry arroyo at Uaxactum, Dept. of Petén, 20 March 1931, *H.H. Bartlett 12154* [HT: US-1503623, US-1503624, US-1503625]. T-Specim.: 1 of 1. Guatemala: Petén: jungle, near dry arroyo, Uaxactun, 20 Mar 1931, *H.H. Bartlett 12154* [HT: US-1503623, US-1503624(xerox, MO), US-1503625; IT: ISC, MU-88751(xerox, MO)].
= **Rhipidocladum bartlettii** (McClure) McClure

*Arthrostylidium burchellii* Munro, Trans. Linn. Soc. London 26(1): 43. 1868. T-Protol.: Hab. in Brasilia. T-Specim.: 1 of 2. Brazil: Corcovado Mts., *Burchell 1434* [ST]. 2 of 2. Brazil: Serra de Cubatao, *Burchell 3696* [ST].
= **Colanthelia burchellii** (Munro) McClure

*Arthrostylidium cacuminis* McClure, Mem. New York Bot. Gard. 10(5): 3. 1964. T-Protol.: Venezuela:

Amazonas: Cerro Huachamacari, Río Cunucunuma, 1500 m, vicinity of Summit Camp, occasional in dense elfin forest, 15 Dec 1950, *Maguire, Cowan & Wurdack 30249* [HT: US; IT: NY ]. T-Specim.: 1 of 1. Venezuela: Amazonas: Cerro Huachamacari, Río Cunucunuma, 1500 m,, 15 Dec 1950, *Maguire, Cowan & Wurdack 30249* [HT: US-2040223, US-2040224; IT: GH, NY, UB].

= **Arthrostylidium scandens** McClure

**Arthrostylidium canaliculatum** Renvoize, Gram. Bolivia 33, f. 3E. 1998. T-Protol.: Bolivia: La Paz: Franz Tamayo, Apolo hacia Charazani, *Beck & Foster 18476* [HT: LPB].

DST.: Boli.

LVL. ACCPTC.: 2.

*Arthrostylidium capillifolium* Griseb., Mem. Amer. Acad. Arts, n.s., 8: 531. 1862. T-Protol.: Cuba: in sylvis densis, frutices vel arbores scandens, *Wright 738*. T-Specim.: 1 of 1. Cuba, 1856 to 1857, *C. Wright 738* [HT: GOET; IT: US-78823].

= **Arthrostylidium farctum** (Aubl.) Soderstr. & Lourteig

**Arthrostylidium chiribiquetensis** Londoño & L.G. Clark, Novon 8(4): 412, f. 2. 1998. T-Protol.: Colombia: Caquetá: Sierra de Chiribiquete, bosque en la base de la Mesa Norte, 1.05N 72.40W, 600 m, 26 Aug 1992, flowers, *P. Palacios, P. Franco, O. Rangel & J. Betancur 2681* [HT: COL; IT: COAH, FMB, MA, US].

DST.: Colo.

LVL. ACCPTC.: 1.

**Arthrostylidium cubense** Rupr., Bambuseae 28, t. 4, f. 13. 1839. T-Protol.: Cuba: pr. Havannam?, *Ramon de la Sagra s.n.* T-Specim.: 1 of 1. Cuba, *R. de la Sagra s.n.* [HT: LE; IT: US-78823].

DST.: Cari.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Catasus Guerra (1987); Hitchcock (1936); McClure (1973).

SYN.: *Arundinaria cubense* (Rupr.) Hack.

**Arthrostylidium distichum** Pilg., Symb. Antill. 2: 342. 1901. T-Protol.: Cuba: Pinar del Río: Rangel, *Wright 3808*. T-Specim.: 1 of 1. Cuba, *C. Wright 3808* [IT: NY, US-78824].

DST.: Cari.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Catasus Guerra (1987); Hitchcock (1936); McClure (1973).

**Arthrostylidium ecuadorense** Judz. & L.G. Clark, Syst. Bot. 18(1): 82, f. 1. 1993. T-Protol.: Ecuador: Napo: Guagra, SW of summit (0.28S 77.43W), tall elfin forest, 3050 m, 28 Sep 1980, *Holm-Nielsen, Jaramillo, Coello & Asanza 27444* [HT: AAU (fragm., US) ]. T-Specim.: 1 of 1. Ecuador: Napo: 3050 m, 28 Sep 1980, *Holm-Nielsen et al. 27444* [HT: AAU(fragm., US-3215632)], .

DST.: Colo, Ecua.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999).

*Arthrostylidium effusum* (Hack.) McClure, Fieldiana, Bot. 28(1): 31. 1951. Basionym: *Arundinaria effusa* Hack.

= **Aulonemia effusa** (Hack.) McClure

**Arthrostylidium ekmanii** Hitchc., Man. Grasses W. Ind. 16. 1936. T-Protol.: Haiti: Massif de la Selle, West Indies, Marigot, at Riviere Chotard, alt. 1750 m, *E.L. Ekman H 7982* [US-1410884 ]. T-Specim.: 1 of 1. Haiti: Hispaniola I., 10 Apr 1927, *E.L. Ekman H7982* [HT: US-1410884].

DST.: Cari.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: McClure (1973).

**Arthrostylidium excelsum** Griseb., Fl. Brit. W. I. 529. 1864. T-Protol.: Hab. Dominica Imr.; Trinidad, Pd., Cr., Las Cuevas hills, Tocuche. T-Specim.: 1 of 3. Trinidad, 20 May 1861, *Crueger s.n.* [ST: K(fragm., US; photo, US)]. 2 of 3. Trinidad, Las Cuevas hills, *Tocuche s.n.* [ST]. 3 of 3. Dominica, *J. Imray s.n.* [ST: US-788250].

DST.: Cari, Guat, Hond, Mexi, Nica, Pana.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Breedlove (1986); Davidse, Sousa & Chater (1994); Hitchcock (1936); McClure (1973); Swallen (1955).

SYN.: *Arundinaria excelsa* (Griseb.) Hack.

**Arthrostylidium farctum** (Aubl.) Soderstr. & Lourteig, Phytologia 64(2): 163. 1987. Basionym: *Arundo farcta* Aubl.

DST.: Cari, FrGu.

LVL. ACCPTC.: 1.

SYN.: *Arthrostylidium capillifolium* Griseb.; *Arthrostylidium pinifolium* Cat. Guerra; *Arundinaria capillifolia* (Griseb.) Hack.; *Arundo farcta* Aubl.; *Calamagrostis farcta* J.F. Gmel.

**Arthrostylidium fimbriatum** Griseb., Mem. Amer. Acad. Arts, n.s., 8: 531. 1862. T-Protol.: Cuba: in sylvis densis prope Monte Verde, *Wright 1554*. T-Specim.: 1 of 1. Cuba: Monte Verde, 1859, *C. Wright 1554* [as syn. as syn.: US-78826].

DST.: Cari.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Catasus Guerra (1987); Hitchcock (1936); McClure (1973).

SYN.: *Arundinaria fimbriata* (Griseb.) Hack.

**Arthrostylidium fimbrinodum** Judz. & L.G. Clark, Syst. Bot. 18(1): 84, f. 2. 1993. T-Protol.: Brazil: Amazonas: Rio Urubu, between Manaus-Caracarai and Serra da Luua to Cachoeira Iracema, ca. 2.25S 59.45W, 1 Aug 1979, flowering, looking like a young populationua, abundant on both sides of the river for many km from near Serra da L, *Calderón, Monteiro & Guedes 2894* [HT: INPA; IT: F, MO(3 sheets), US(4 sheets), WIS ]. T-Specim.: 1 of 1. Brazil: Amazonas, 1 Aug 1979, *C.E. Calderón, J. Guedes & O.P. Monteiro 2894* [HT: INPA; IT: MO, US-

3082120, US-3082119, US-3082118, US-3082117].
DST.: Braz.
LVL. ACCPTC.: 1.

*Arthrostylidium geminatum* McClure, J. Wash. Acad. Sci. 32(6): 169, f. 2. 1942. T-Protol.: Collected at Páramo de La Cristalina, on the border of the State of Trujillo, Venezuela, 20 Oct 1910, *A. Jahn 11* [HT: VEN; IT: US-602204 ]. T-Specim.: 1 of 1. Venezuela: Trujillo, 20 Dec 1910, *A. Jahn 11* [HT: VEN; IT: US-602204].
= **Rhipidocladum geminatum** (McClure) McClure

**Arthrostylidium grandifolium** Judz. & L.G. Clark, Syst. Bot. 18(1): 88, f. 3. 1993. T-Protol.: Brazil: Pará: Missao Cururu, floresta de igapo parcialmente alagado, planta semi-escadente do sub-bosque, 11 May 1977, flowering, *Rosa & Santos 1897* [HT: INPA; IT: MO, NY(2 sheets), US ]. T-Specim.: 1 of 1. Brazil: Pará, 11 May 1977, *N.A. Rosa & M.R. Santos 1897* [HT: INPA; IT: MO, NY(2 sheets), US-2901733].
DST.: Braz.
LVL. ACCPTC.: 1.

*Arthrostylidium haenkei* Rupr., Bambuseae 27, t. 3, f. 12. 1839. T-Protol.: Habitat in Peruvia, *Haenke s.n.* [HT: PR ]. T-Specim.: 1 of 1. Peru, *T. Haenke 598* [HT: PR(fragm., LE); IT: US-78827].
= **Aulonemia haenkei** (Rupr.) McClure

**Arthrostylidium haitiense** (Pilg.) Hitchc. & Chase, Contr. U.S. Natl. Herb. 18(7): 399. 1917. Basionym: *Arundinaria haitiensis* Pilg.
DST.: Cari.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Hitchcock (1936); McClure (1973).
SYN.: *Arundinaria haitiensis* Pilg.

*Arthrostylidium harmonicum* Parodi, Physis (Buenos Aires) 19: 479, f. 1. 1944. T-Protol.: Peru: Convención, alturas de Pintobamba, Mar. 1943, *C. Vargas 3260* [HT: BAA; IT: US ]. T-Specim.: 1 of 1. Peru: Cuzco, Mar 1943, *C. Vargas Calderón 3260* [HT: BAA; IT: US-1878633].
= **Rhipidocladum harmonicum** (Parodi) McClure

**Arthrostylidium judziewiczii** Davidse, Novon 2(2): 81. 1992. T-Protol.: Costa Rica: Heredia: primary forest along Río San Rafael, Atlantic slope of Volcán Barva, 10.13N 84.05W, 1500 m, slender-stemmed, scandent and apparently epiphytic bamboo on mossy trunk of large tree, 3-4 m above ground, 12 Apr 1986, *M. H. Grayum 7024* [HT: MO; IT: BM, CANB, CR, F, ISC, K, PMA, SI, SP, US ].
DST.: CoRi, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse & Pohl (1992); Davidse, Sousa & Chater (1994);.

*Arthrostylidium leptophyllum* (Nees) Döll, Fl. Bras. 2(3): 175. 1880. Basionym: *Chusquea leptophylla* Nees
= **Chusquea leptophylla** Nees

**Arthrostylidium longiflorum** Munro, Trans. Linn. Soc. London 26(1): 41, t. 1. 1868. T-Protol.: Hab. Venezuela, Colonia Tovar 6000 ped. s.m. T-Specim.: 1 of 3. Venezuela: Aragua: Colonia Tovar, ca. 1800 m, 1854-1855, *A. Fendler 1621* [ST: GH, MO, US-1803266(fragm.)], flowering. 2 of 3. Venezuela: Colonia Tovar, *Moritz 1393* [ST: BM, US(fragm.)]. 3 of 3. Venezuela: Colonia Tovar [ca. 18800 m], 1865, *Moritz 1685* [LT: BM(fragm., US)], LT designated by Judziewicz & Clark, Syst. Bot. 18: 89 (1993).
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz & Clark (1993); McClure (1973).
SYN.: *Arundinaria longiflora* (Munro) Hack.; *Guadua exaltata* Döll.

*Arthrostylidium longifolium* (E. Fourn.) E.G. Camus, Bambusees 68. 1913. Basionym: *Arundinaria longifolia* E. Fourn.
E. HOM.: *Arthrostylidium longiflorum* Munro
= **Guadua longifolia** (E. Fourn.) R.W. Pohl

*Arthrostylidium maculatum* Rupr., Bambuseae 28, t. 5. 1839.
NOTE: nom. nov., nom. illeg. superfl.
CORRECT NAME: *Guadua parviflora* J. Presl
= **Aulonemia parviflora** (J. Presl) McClure

*Arthrostylidium maxonii* Hitchc., Proc. Biol. Soc. Wash. 40: 80. 1927. T-Protol.: Collected just inside thick wet forest on steep slope at Santa Clara de Cartago, Costa Rica, alt. 1950 m, 20 July 1923, *William R. Maxon 8154* [HT: US-1180144, US-1180145, US-1215531 ].
= **Rhipidocladum maxonii** (Hitchc.) McClure

**Arthrostylidium merostachyoides** R.W. Pohl, Novon 2(2): 83, f. 1. 1992. T-Protol.: Costa Rica: Puntarenas: Monteverde, 4 Jan 1985, *R. W. Pohl & L. G. Clark 14613* [HT: ISC; IT: CR, F, K, MO, US ].
DST.: CoRi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse & Pohl (1992); Davidse, Sousa & Chater (1994);.

**Arthrostylidium multispicatum** Pilg., Symb. Antill. 2: 341. 1901. T-Protol.: Near Maricao, Porto Rico, *Sintenis 209*. T-Specim.: 1 of 1. Puerto Rico, 2 Dec 1886, *P. Sintenis 209* [IT: US-403361, US-820809].
DST.: Cari, Urug.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Catasus Guerra (1987); Hitchcock (1936); Liogier & Martorell (1982); McClure (1973).
SYN.: *Arundinaria multispicata* (Pilg.) Hack.

**Arthrostylidium obtusatum** Pilg., Symb. Antill. 2: 340. 1901. T-Specim.: 1 of 2. Martinique: sommet du Morne d'Amour dans les pitons du Carbet, 1890, *FR. Duss 563* [ST: NY, US-2808828]. 2 of 2. Martinique: summit of Morne d'Amour, *Duss 1310* [ST: NY].
DST.: Cari.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Gould (1979); Hitchcock (1936);

McClure (1973).
SYN.: *Arundinaria obtusata* (Pilg.) Hack.

**Arthrostylidium pinifolium** Cat. Guerra, Acta Bot. Cub. 4: 4. 1980. T-Protol.: Cuba: Prov. de Holguin: Sierra de Moa, La Melba, 30 Apr. 1973, *Catasús 134* [HT: HAC ].
NOTE: May be synonymous with *Arthrostylidium farctum*
DST.: Cari.
LVL. ACCPTC.: 2.
ALSO ACCPTD BY: Catasus Guerra (1987).

*Arthrostylidium pittieri* Hack., Oesterr. Bot. Z. 53(2): 75. 1903. T-Protol.: Costa Rica: inter frutices ad ripas fluv. Río Virilla, *Tonduz (Pittier 7193)*. T-Specim.: 1 of 1. Costa Rica: Río Virilla, 26 Nov 1892, *A. Tonduz (Pittier) 7193* [HT: W; IT: CR, ISC, US-471703, US-471702, US-2808829].
= **Rhipidocladum pittieri** (Hack.) McClure

*Arthrostylidium prestoei* Munro, Bull. Misc. Inform. Kew 1895: 186. 1895. T-Protol.: West Indies: Trinidad, *Prestoe 1675* [HT: K ]. T-Specim.: 1 of 1. Trinidad and Tobago: Trinidad I., no date, *H. Presto Herb. 1675* [IT: US-2808833].
= **Rhipidocladum prestoei** (Munro) McClure

**Arthrostylidium pubescens** Rupr., Bambuseae 29, t. 4. 1839. T-Protol.: Hab. in Trinitate?, *Anon.* T-Specim.: 1 of 1. Trinidad and Tobago: Trinidad I., *Anon. s.n.* [HT: LE(fragm., photo, US-2808830); IT: K].
DST.: Cari, Colo, CoRi, Pana, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Catasus Guerra (1987); Davidse, Sousa & Chater (1994); Hitchcock (1936); Judziewicz & Clark (1993); McClure (1973); Pohl (1980); Steyermark et al. (1995).
SYN.: *Arundinaria pubescens* (Rupr.) Hack.

**Arthrostylidium punctulatum** Londoño & L.G. Clark, Novon 8(4): 415, f. 3. 1998. T-Protol.: Colombia: Santander: Mun. de Charalá: Corregimiento de Virolín, 1850 m, 13 May 1982, flowers, *S. Diaz-Piedrahita 3399* [HT: COL].
DST.: Colo.

*Arthrostylidium purpuratum* McClure, J. Wash. Acad. Sci. 32(6): 170, f. 3. 1942. T-Protol.: Collected at the summit of El Alvila, Federal District, Venezuela, 1938, *Williams 10905* [HT: VEN(fragm., US; photo, US); IT: F, NY(2 sheets) ], probably should be cited as Williams & Alston 278. T-Specim.: 1 of 1. Venezuela: Federal District, 1938, *L. Williams 10905* [IT: US-2808831].
= **Aulonemia purpurata** (McClure) McClure

*Arthrostylidium queko* (Goudot) Hack., Nat. Pflanzenfam. 2(2): 93. 1887. Basionym: *Aulonemia queko* Goudot
= **Aulonemia queko** Goudot

*Arthrostylidium racemiflorum* Steud., Syn. Pl. Glumac. 1: 336. 1854. T-Protol.: Mexico, *Ghiesbrecht 234* [HT: P ]. T-Specim.: 1 of 1. Mexico: Veracruz, no date, *A. Ghiesbrecht 234* [HT: P(fragm., US-1021478, US-2808832)].
= **Rhipidocladum racemiflorum** (Steud.) McClure

**Arthrostylidium reflexum** Hitchc. & Ekman, Man. Grasses W. Ind. 19. 1936. T-Protol.: Collected in dense thickets on the top of Sierra de Sitis, Santo Tomas, Vinales, Prov. Pinar del Río, Cuba, alt. 700 m, *E.L. Ekman 18020* [US-1502075 ]. T-Specim.: 1 of 1. Cuba: Pinar del Río, 10 Nov 1923, *E.L. Ekman 18020* [HT: US-1502075; IT: US-1538630].
DST.: Cari.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Catasus Guerra (1987); Hitchcock (1936); McClure (1973).

**Arthrostylidium sarmentosum** Pilg., Symb. Antill. 4: 108. 1903. T-Specim.: 1 of 3. Puerto Rico: N side of Luquillo Mts., flowering, 13 Apr 1989, *A.A. Heller & E.G. Heller 1089* [LT: US-426159; ILT: B, NY], LT designated by Judziewicz & Clark, Syst. Bot. 18: 90 (1993). 2 of 3. Puerto Rico, *Sintensis 354* [ST]. 3 of 3. Puerto Rico, *Sintensis 4046* [ST].
DST.: Cari, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Catasus Guerra (1987); Hitchcock (1936); Judziewicz & Clark (1993); Liogier & Martorell (1982); McClure (1973).

**Arthrostylidium scandens** McClure, Mem. New York Bot. Gard. 10(5): 4. 1964. T-Protol.: Venezuela: Amazonas: Cerro Huachamacari, Río Cunucunuma, 600-800 m, below Camp II, locally frequent along stream in moist forest, 20 Dec 1950, *B. Maguire, R.S. Cowan & J.J. Wurdack 29957* [HT: US; IT: NY ]. T-Specim.: 1 of 1. Venezuela: Amazonas: Cerro Huachamacari, Río Cunucunuma, 600-800 m, 20 Dec 1950, *B. Maguire, R.S. Cowan & J.J. Wurdack 29957* [HT: US-2040219, US-2040218; IT: GH, NY, U, UB US].
DST.: Guya, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz & Clark (1993); Judziewicz (1991a); McClure (1973); Steyermark et al. (1995)
SYN.: *Arthrostylidium cacuminis* McClure.

**Arthrostylidium schomburgkii** (Benn.) Munro, Trans. Linn. Soc. London 26(1): 41. 1868. Basionym: *Arundinaria schomburgkii* Benn.
DST.: Guya, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz & Clark (1993); McClure (1973); Steyermark et al. (1995).
SYN.: *Arundinaria schomburgkii* Benn.

**Arthrostylidium simpliciusculum** (Pilg.) McClure, Smithsonian Contr. Bot. 9: 20. 1973. Basionym: *Arundinaria simpliciuscula* Pilg.
DST.: Braz, Colo, Ecua, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993);

Renner, Balslev & Holm-Nielsen (1990); Tovar (1993).
SYN.: *Arundinaria simpliciuscula* Pilg.

*Arthrostylidium spinosum* Swallen, J. Wash. Acad. Sci. 28(1): 6. 1938. T-Protol.: British Honduras: collected along the Belize River at El Cayo, El Cayo District, 1 Jan 1901, *C.L. Lundell 6939* [HT: US-1649171; IT: LL, MO ]. T-Specim.: 1 of 1. Belize: Cayo, Jun 1936 to Aug 1936, *C.L. Lundell 6939* [HT: US-1649171; IT: US-1722485, US-1649170, US-1649172, US-1649173].
= **Guadua longifolia** (E. Fourn.) R.W. Pohl

*Arthrostylidium steyermarkii* McClure, Fieldiana, Bot. 28(1): 31, f. 3. 1951. T-Protol.: Venezuela: open places at base of east-facing high sandstone bluffs on Ptari-tepuí, state of Bolívar, 7 Nov 1944, *J.A. Steyermark 59926* [HT: US-1911667; IT: F-1189856 ]. T-Specim.: 1 of 1. Venezuela: Bolívar, 07 Nov 1944, *J.A. Steyermark 59926* [HT: US-1911667].
= **Aulonemia deflexa** (N.E. Br.) McClure

*Arthrostylidium subpectinatum* Kuntze, Revis. Gen. Pl. 2: 760. 1891. T-Protol.: Venezuela: Silla de Caracas, *Kuntze s.n.* [HT: NY ].
= **Aulonemia subpectinata** (Kuntze) McClure

*Arthrostylidium trinii* Rupr., Bambuseae 29, t. 4. 1839. T-Protol.: In sylvis Brasiliae pr. Ypenema, *Riedel s.n.* [HT: LE ]. T-Specim.: 1 of 1. Brazil: Rio de Janeiro: pres Ypenema, *Riedel 189* [HT: LE].
NOTE: nom. illeg. superfl.; reprinted in Mem Acad Imp. etc. 3(1): 119 (1839)
CORRECT NAME: *Arundinaria parviflora* Trin.
= **Rhipidocladum parviflorum** (Trin.) McClure

**Arthrostylidium urbanii** Pilg., Symb. Antill. 2: 339. 1901. T-Protol.: Cuba, *Wright 3810*. T-Specim.: 1 of 1. Cuba, *C. Wright 3810* [IT: US-2808835].
DST.: Cari.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Catasus Guerra (1987); Hitchcock (1936); McClure (1973).
SYN.: *Arundinaria urbanii* (Pilg.) Hack.

**Arthrostylidium venezuelae** (Steud.) McClure, J. Wash. Acad. Sci. 32(6): 172. 1942. Basionym: *Chusquea venezuelae* Steud.
DST.: Boli, Cari, Colo, CoRi, Guya, Mexi, Nica, Pana, Peru, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Beetle (1983); Brako & Zarucchi (1993); Clark (1997); Davidse, Sousa & Chater (1994); Gould (1979); Judziewicz & Clark (1993); Judziewicz (1991a); McClure (1973); Pohl (1980); Steyermark et al. (1995).
SYN.: *Arundinaria standleyi* Hitchc.; *Chusquea venezuelae* Steud.

**Arthrostylidium virolinensis** Londoño & L.G. Clark, Novon 8(4): 417, f. 4. 1998. T-Protol.: Colombia: Santander: Mun. Charalá: Corregimiento Virolín, camino a Olival, Vereda Cañaverales, 1800 m, 13 Feb 1983, *S. Diaz-Piedrahita 4048* [HT: COL].
DST.: Colo.
LVL. ACCPTC.: 1.

**Arthrostylidium youngianum** L.G. Clark & Judz., Syst. Bot. 18(1): 98, f. 7. 1993. T-Protol.: Ecuador: Carchi: above Maldonado in an area called Guaygambi, ca. 0.53N 78.05W, 1800 m, 15 May 1980, along trail in dense forest, comprising a large part of the understory, flowering, *Young, S.M. 137* [HT: US (6 sheets); IT: AAU, MO, QCA ]. T-Specim.: 1 of 1. Ecuador: Carchi: 15 May 1980, 15 May 1980, *S. M. Young 137* [HT: US-2898986; IT: AAU, MP, QCA, US-2898987, US-2898985, US-2898984, US-2898983, US-2898982], .
DST.: Colo, Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993).

*Arundarbor* Kuntze, Revis. Gen. Pl. 2: 760. 1891. TYPE: *Arundarbor arundinacea* (Retz.) Kuntze; LT designated by McClure, Taxon x: 200 (1957)
NOTE: nom. illeg. superfl.
= **Bambusa** Schreb.

*Arundarbor amplexifolia* (J. Presl) Kuntze, Revis. Gen. Pl. 2: 760. 1891. Basionym: *Guadua amplexifolia* J. Presl
= **Guadua amplexifolia** J. Presl

*Arundarbor arundinacea* (Retz.) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambos arundinacea* Retz.
= **Bambusa bambos** (L.) Voss

*Arundarbor balcooa* (Roxb.) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa balcooa* Roxb.
= **Bambusa balcooa** Roxb.

*Arundarbor breviflora* (Munro) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa breviflora* Munro
NOTE: as *brevifolia*
= **Bambusa tuldoides** Munro

*Arundarbor brevifolia* (Munro) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa breviflora* Munro
NOTE: error for *breviflora*
= **Bambusa tuldoides** Munro

*Arundarbor capitata* (Trin.) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa capitata* Trin.
= **Guadua capitata** (Trin.) Munro

*Arundarbor distorta* (Nees) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa distorta* Nees
= **Guadua tagoara** (Nees) Kunth

*Arundarbor flexuosa* (Munro) Kuntze, Revis. Gen. Pl. 2: 760. 1891. Basionym: *Bambusa flexuosa* Munro
= **Bambusa flexuosa** Munro

*Arundarbor fortunei* (Van Houtte) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa fortunei* Van Houtte
= **Sasa fortunei** (Van Houtte) Fiori

*Arundarbor guadua* (Bonpl.) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa guadua* Bonpl.
= **Guadua angustifolia** Kunth

*Arundarbor latifolia* (Bonpl.) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa latifolia* Bonpl.
= **Guadua latifolia** (Bonpl.) Kunth

*Arundarbor levis* (Blanco) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa levis* Blanco
= **Gigantochloa levis** (Blanco) Merr.

*Arundarbor multiplex* (Lour.) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Arundo multiplex* Lour.
= **Bambusa multiplex** (Lour.) Raeusch. ex Schult. & Schult. f.

*Arundarbor nana* (Roxb.) Kuntze, Revis. Gen. Pl. 2: 760. 1891. Basionym: *Bambusa nana* Roxb.
= **Bambusa multiplex** (Lour.) Raeusch. ex Schult. & Schult. f.

*Arundarbor oldhamii* (Munro) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa oldhamii* Munro
= **Dendrocalamopsis oldhamii** (Munro) Keng f.

*Arundarbor paniculata* (Munro) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Guadua paniculata* Munro
= **Guadua paniculata** Munro

*Arundarbor polymorpha* (Munro) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa polymorpha* Munro
= **Bambusa polymorpha** Munro

*Arundarbor pygmaea* (Miq.) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa pygmaea* Miq.
= **Sasa pygmaea** E.G. Camus

*Arundarbor refracta* (Munro) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Guadua refracta* Munro
= **Guadua refracta** Munro

*Arundarbor tagoara* (Nees) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa tagoara* Nees
= **Guadua tagoara** (Nees) Kunth

*Arundarbor trinii* (Nees) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa trinii* Nees
= **Guadua trinii** (Nees) Nees ex Rupr.

*Arundarbor venezuelae* (Munro) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Guadua venezuelae* Munro
= **Guadua venezuelae** Munro

*Arundarbor virgata* (Trin.) Kuntze, Revis. Gen. Pl. 2: 761. 1891. Basionym: *Bambusa virgata* Trin.
= **Guadua virgata** (Trin.) Rupr.

**Arundinaria** Michx., Fl. Bor.-Amer. 1: 73. 1803. TYPE: *Arundinaria macrosperma* Michx.
TRTD. BY: Soreng, R. J.
NHT: Arundinariinae. SPP.: 4
CNSLTD LIT.: McClure (1973); Platt & Brantley (1997).
SYN.: *Ludolfia* Willd.; *Ludolphia* Willd.; *Macronax* Raf.; *Miegia* Pers.; *Tschompskia* Asch. & Graebn.

*Arundinaria acuminata* Munro, Trans. Linn. Soc. London 26(1): 25. 1868. T-Protol.: Hab. Mexico: Dep. Vera Cruz, *Liebmann 73*, cited as "Leibmann". T-Specim.: 1 of 1. Mexico: Veracruz: prope Jalcomulco, *F.M. Liebmann 73* [HT: C; IT: US-2808847].
= **Otatea acuminata** (Munro) C.E. Calderón & Soderstr.

*Arundinaria albo-marginata* (Miq.) Makino, Bot. Mag. (Tokyo) 14(157): 32. 1900. Basionym: *Phyllostachys bambusoides* var. *albo-marginata* Miq.
= **Sasa veitchii** (Carrière) Rehder

*Arundinaria amabilis* McClure, Lingnan Sci. J. 10(1): 6, t. 1-8. 1931. T-Protol.: Lingnan: Guang Ning District: Mung Haang above Koo Shui on the Sui River, March 3, 1929, *Tang & Feng 17531-2* [HT: Lingnan University].
NOTE: English description; et Lingnan Sci. J., 13: 503 (1934), Latin description
= **Pseudosasa amabilis** (McClure) Keng f.

*Arundinaria amplissima* Nees, Linnaea 9(4): 479. 1834. T-Protol.: In Brasilia, *Sellow s.n.* [HT: B ]. T-Specim.: 1 of 1. Brazil, no date, *F. Sellow s.n.* [HT: B; IT: LE-TRIN-3160.01, US-1021434, US-2808846, US-1021433, US-557547].
= **Aulonemia amplissima** (Nees) McClure

*Arundinaria angustifolia* (Mitford) J. Houz., Bambou (Mons) 2: 272. 1908. Basionym: *Bambusa angustifolia* Mitford
= **Pleioblastus angustifolius** (Mitford) Nakai

*Arundinaria aristata* Gamble, Ann. Roy. Bot. Gard. (Calcutta) 7: 18-20, t. 17. 1896. T-Protol.: [LT ]. T-Specim.: 1 of 1. India: Sikkim: Phalut, *Gammie s.n.* [LT: K], LT designated by Chao & Renvoize, Kew Bull. 44: 363 (1989).
= **Thamnocalamus aristatus** (Gamble) E.G. Camus

*Arundinaria aristulata* Döll, Fl. Bras. 2(3): 165, t. 44. 1880. T-Specim.: 1 of 2. Brazil, 1858, *H.A. Weddell MUS. PARIS 1723* [ST: P(fragm., US-1445600)]. 2 of 2 Brazil: Minas Gerais: ad Caldas, *Regnell II 315* [ST].
= **Aulonemia aristulata** (Döll) McClure

*Arundinaria attenuata* Döll, Fl. Bras. 2(3): 170. 1880. T-Protol.: Brasilia: in silvaticus umbrosis montis Itacolumi, *Riedel s.n.* [HT: LE ]. T-Specim.: 1 of 2. Brasilia: in sylvaticis umbrosis montis Itacolumi, Aug. 1824, *Riedel s.n.* [HT: LE; IT: KR(fragm., US)]. 2 of 2. Brazil, no date, *G.H. von Langsdorff s.n.* [T: US-2808845].
= **Chusquea attenuata** (Döll) L.G. Clark

*Arundinaria bambusina* (Fisch.) Trin., Fund. Agrost. 97. 1820. Basionym: *Triglossum bambusinum* Fisch.
= **Arundinaria gigantea** (Walter) Muhl.

**Arundinaria basigibbosa** McClure, Lingnan Univ. Sci. Bull. 9: 1. 1940. T-Protol.: Kwangtung: Meu-ming Dist., near the District City, cultivated in Lingham Univ. Bot. Gard., 2 Jun 1936 , *H. Fung 20970*. T-Specim.: 1 of 1. China: Kwangtung, 2 Jun 1936, *H.L. Fung 20970* [HT: US-2802909, US-78462].
DST.: USA.
LVL. ACCPTC.: 2; cultivated, introduced.

*Arundinaria burchellii* (Munro) Hack., Oesterr. Bot. Z. 53: 69. 1903. Basionym: *Arthrostylidium burchellii* Munro
= **Colanthelia burchellii** (Munro) McClure

*Arundinaria cannavieira* Silveira, Arq. Mus. Nac. Rio de Janeiro 22: 101, t. 2. 1919. T-Protol.: Brasil: Minas Geraes: in campis arenosis siccisque in Serra do Caparaó , Nov 1918, *Silveira 644* [HT: R ]. T-Specim.: 1 of 1. Brazil: Minas Gerais: Serra do Caparaó [Serra do Cabral], no date, *A.A. da Silveira 644* [HT: R(fragm., US-1255417)].
= **Apoclada cannavieira** (Silveira) McClure

*Arundinaria capillifolia* (Griseb.) Hack., Oesterr. Bot. Z. 53: 69. 1903. Basionym: *Arthrostylidium capillifolium* Griseb.
= **Arthrostylidium farctum** (Aubl.) Soderstr. & Lourteig

*Arundinaria chrysantha* Mitford ex Bean, Gard. Chron. 15: 238. 1894.
NOTE: nom. nud.
= **Pleioblastus chrysanthus** (Mitford ex Bean) D. C. McClint.

*Arundinaria cubense* (Rupr.) Hack., Oesterr. Bot. Z. 53: 69. 1903. Basionym: *Arthrostylidium cubense* Rupr.
= **Arthrostylidium cubense** Rupr.

*Arundinaria decalvata* Döll, Fl. Bras. 2(3): 170. 1880. T-Protol.: Habitat in Brasilia, *Sello 1158*. T-Specim.: 1 of 1. Brazil, no date, *F. Sellow 1158* [IT: US-2808843].
NOTE: Not *Arundinaria* according to McClure, 1973.
DST.: Braz.
LVL. ACCPTC.: 3.

*Arundinaria deflexa* N.E. Br., Trans. Linn. Soc. London, Bot. 6(1): 75. 1901. T-Protol.: British Guiana: summit of Mount Roraima, Autumn 1898, 8600 ft. , *McConnell & Quelch 678* [HT: K ]. T-Specim.: 1 of 1. Guyana:, 1898, *F.V. McConnell & J.J. Quelch 678* [HT: K(fragm., US-2808842, US-1039476)].
= **Aulonemia deflexa** (N.E. Br.) McClure

*Arundinaria distans* Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 3,1(6): 621. 1835. T-Protol.: Brasilia. T-Specim.: 1 of 1. Brazil, 1824, *L. Riedel s.n.* [T: US-2808840, US-2808839].
= **Colanthelia distans** (Trin.) McClure

*Arundinaria effusa* Hack., Oesterr. Bot. Z. 53(2): 71. 1903. T-Specim.: 1 of 4. Brazil: Rio de Janeiro, no date, *A.F.M. Glaziou 15623* [IST: US-1021437, US-1021438, US-1021439, US-1021440, 2808861, US-1127456, US-1127451]. 2 of 4. Brazil: Rio de Jaeiro, *Glazoiu 16627* [ST: W]. 3 of 4. Brazil: Rio de Janeiro, *Glaziou 17449* [ST: W]. 4 of 4. Brazil: Rio de Janeiro, *Glaziou 17915* [ST: W].
= **Aulonemia effusa** (Hack.) McClure

*Arundinaria excelsa* (Griseb.) Hack., Oesterr. Bot. Z. 53: 69, 516. 1903. Basionym: *Arthrostylidium excelsum* Griseb.
= **Arthrostylidium excelsum** Griseb.

*Arundinaria falcata* Nees, Linnaea 9(4): 478. 1834. T-Protol.: In Nepalia legit, *Royle s.n.*. T-Specim.: 1 of 1. Northwest India, *J.F. Royle s.n.* [LT: K; ILT: US-2808851], LT designated by Chao & Renvoize, Kew Bull. 44: 358 (1989).
= **Sinarundinaria falcata** (Nees) C.S. Chao & Renvoize

*Arundinaria fimbriata* (Griseb.) Hack., Oesterr. Bot. Z. 53: 516. 1903. Basionym: *Arthrostylidium fimbriatum* Griseb.
= **Arthrostylidium fimbriatum** Griseb.

*Arundinaria flabellata* (E. Fourn.) McClure, Mem. New York Bot. Gard. 10(5): 162. 1964. Basionym: *Guadua flabellata* E. Fourn.
= **Chusquea bilimekii** E. Fourn.

*Arundinaria fortunei* (Van Houtte) Rivière & C. Rivière, Bull. Soc. Natl. Acclim. France 5: 797. 1878. Basionym: *Bambusa fortunei* Van Houtte
= **Sasa fortunei** (Van Houtte) Fiori

**Arundinaria funghomii** McClure, Lingnan Univ. Sci. Bull. 9: 3. 1940. T-Protol.: Kwangtung: Ho-yuen Dist., near the District City , *H. Fung LU 19053*. T-Specim.: 1 of 1. China: Kwangtung, 16 Apr 1931, *H. Fung A-648* [HT: US-19053].
DST.: USA.
LVL. ACCPTC.: 2; cultivated, introduced.

**Arundinaria gigantea** (Walter) Muhl., Cat. Pl. Amer. Sept. 14. 1813. Basionym: *Arundo gigantea* Walter
DST.: USA.
LVL. ACCPTC.: 1; cultivated, native.
ALSO ACCPTD BY: Bailey & Bailey (1976); Correll & Johnston (1970); Fernald (1950); Gleason & Cronquist (1968); Gleason & Cronquist (1991); Godfrey & Wooten (1979); Hitchcock (1951); McClure (1973); Radford, Ahles & Bell (1968); Small (1933); Wunderlin (1998).
SYN.: *Arundinaria bambusina* (Fisch.) Trin.; *Arundinaria gigantea* var. *gigantea*; *Arundinaria macrosperma* var. *arborescens* Munro; *Arundinaria macrosperma* var. *suffruticosus* Munro; *Arundinaria tecta* var. *colorata* Rupr.; *Arundinaria tecta* var. *decidua* Beadle; *Arundinaria tecta* var. *distachya* Rupr.;

*Arundinaria tecta* var. *pumila* (Nutt.) Rupr.; *Arundo gigantea* Walter; *Arundo tecta* Walter; *Festuca grandiflora* Lam.; *Miegia arundinacea* Torr. ex Munro; *Miegia arundinaria* Raf.; *Miegia gigantea* (Walter) Nutt.; *Miegia pumila* Nutt.; *Triglossum bambusinum* Fisch.

**Arundinaria gigantea** (Walter) Muhl. subsp. **gigantea**
DST.: USA.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: McClure (1973).
SYN.: *Arundinaria gigantea* var. *gigantea*.

*Arundinaria gigantea* (Walter) Muhl. var. *gigantea*
= **Arundinaria gigantea** (Walter) Muhl.

**Arundinaria gigantea** subsp. **macrosperma** (Michx.) McClure, Smithsonian Contr. Bot. 9: 28. 1973. Basionym: *Arundinaria macrosperma* Michx.
LVL. ACCPTC.: 2.
SYN.: *Arundinaria macrosperma* Michx.; *Bambusa hermannii* E.G. Camus; *Ludolfia macrosperma* (Michx.) Willd.; *Miegia macrosperma* (Michx.) Pers.; *Nastus macrospermus* (Michx.) Raspail.

**Arundinaria gigantea** subsp. **tecta** (Walter) McClure, Smithsonian Contr. Bot. 9: 26. 1973. Basionym: *Arundo tecta* Walter
DST.: USA.
LVL. ACCPTC.: 1; cultivated.
SYN.: *Arundinaria gigantea* var. *tecta* (Walter) Scribn.; *Arundinaria macrosperma* var. *tecta* (Walter) A.W. Wood; *Arundinaria tecta* (Walter) Muhl.; *Arundo tecta* Walter; *Ludolfia tecta* (Walter) A. Dietr.

*Arundinaria gigantea* var. *tecta* (Walter) Scribn., Bull. Torrey Bot. Club 20: 478. 1893. Basionym: *Arundo tecta* Walter
= **Arundinaria gigantea** subsp. **tecta** (Walter) McClure

*Arundinaria glaucescens* (Willd.) P. Beauv., Ess. Agrostogr. 144, 152. 1812. Basionym: *Ludolfia glaucescens* Willd.
= **Bambusa multiplex** (Lour.) Raeusch. ex Schult. & Schult. f.

*Arundinaria glaziovii* Hack., Oesterr. Bot. Z. 53(2): 72. 1903. T-Protol.: Brasilia in provincia Minas Geraes , *Glaziou 18614*. T-Specim.: 1 of 1. Brazil: Minas Gerais, no date, *A.F.M. Glaziou 18614* [HT: W(fragm., US-2808856, US-1163027)].
= **Aulonemia glaziovii** (Hack.) McClure

*Arundinaria glaziovii* Hack. var. *glaziovii*
= **Aulonemia glaziovii** (Hack.) McClure

*Arundinaria glaziovii* var. *macroblephara* E.G. Camus, Bambusees 41, Atlas t. 34, f. 8. 1913. T-Protol.: Alto-Macahe , *Glaziou 20149*. T-Specim.: 1 of 1. Brazil: Rio de Janeiro, 4 Jun 1892, *A.F.M. Glaziou 20149* [ST: US-1647812], Also type collection of Arundinaria ramosissima Hack., Oesterr. Bot. Z. 53: 74 (1903).
= **Aulonemia ramosissima** (Hack.) McClure

*Arundinaria goyazensis* Hack., Oesterr. Bot. Z. 53(2): 71. 1903. T-Protol.: Brasila in provincia Goyaz , *Glaziou 22615*. T-Specim.: 1 of 1. Brazil: Goiás, 16 Feb 1894, *A.F.M. Glaziou 22615* [HT: W(fragm., US-2808855, US-1021441, US-1127448, US-1646516)].
= **Aulonemia goyazensis** (Hack.) McClure

*Arundinaria graminea* (Bean) Makino, Bot. Mag. (Tokyo) 26(300): 18. 1912. Basionym: *Arundinaria hindsii* var. *graminea* Bean
= **Pleioblastus gramineus** (Bean) Nakai

*Arundinaria haenkei* (Rupr.) Hack., Oesterr. Bot. Z. 53: 69 . 1903. Basionym: *Arthrostylidium haenkei* Rupr.
= **Aulonemia haenkei** (Rupr.) McClure

*Arundinaria haitiensis* Pilg., Symb. Antill. 5: 288. 1907. T-Protol.: Haiti prope Port-au-Prince in montibus Furoy dictis, in faucibus umbrosis, 1500 m. alt. m., *Buch 929*. T-Specim.: 1 of 1. Haiti: Hispaniola I., Oct 1903, *W. Buch 929* [IT: US-2808854].
= **Arthrostylidium haitiense** (Pilg.) Hitchc. & Chase

*Arundinaria herzogiana* Henrard, Meded. Rijks-Herb. 40: 75. 1921. T-Protol.: Bolivia: hochstämmige Bambusee im Bergwald des Rio Saujana, 3200 m, Oct 1911, *Herzog 2396*. T-Specim.: 1 of 1. Bolivia: Río Saujana, Oct 1911, *T. Herzog 2396* [HT: L; IT: US-116313].
= **Aulonemia herzogiana** (Henrard) McClure

*Arundinaria hindsii* Munro, Trans. Linn. Soc. London 26(1): 31. 1868. T-Protol.: Hab. Hongkong, 1841 , *Hinds s.n. (herb. Bentham)* [H: K ].
= **Pseudosasa hindsii** (Munro) C.D. Chu & C.S. Chao

*Arundinaria hindsii* var. *graminea* Bean, Gard. Chron. 3(15): 238. 24 Feb 1894. T-Protol.: India.
= **Pleioblastus gramineus** (Bean) Nakai

*Arundinaria hirtula* Pilg., Repert. Spec. Nov. Regni Veg. 17(19-30): 445. 1921. T-Protol.: Peru: Dep. Libertad: Prov. Pataz: Talsystem des Mixiollo, eines linken Nebenflusses des Huallaga, Hartlaubgebusch bei 3100 m, Aug 1914 , *Weberbauer 7031* [HT: B; IT: MOL ]. T-Specim.: 1 of 1. Peru: La Libertad: Prov. Pataz, Aug 1914, *A. Weberbauer 7031* [HT: B(fragm., US-1126709, US-2808853, US-1498110, US-1517225)].
= **Aulonemia hirtula** (Pilg.) McClure

*Arundinaria hookeriana* Munro, Trans. Linn. Soc. London 26(1): 29. 1868. T-Protol.: Hab. Sikkim, alt. 4000-6800 ped. s. m., Yoksun, Praongincolis , *Hooker s.n.* [HT: K ]. T-Specim.: 1 of 1. India: Sikkim, Neongong, 6800 ft, Praong, 4000-6000 ft, eaten seed, Dec 1848, *Hooker f. s.n.* [LT: K], LT designated by Stapleton, Edinb. J. Bot. 51: 318 (1995).
= **Sinarundinaria hookeriana** (Munro) C.S. Chao & Renvoize

*Arundinaria humilis* Mitford, Bamb. Gard. 103. 1896.
REPLACED NAME: *Arundinaria fortunei* fo. *viridis* hort. ex E.G. Camus
= **Pseudosasa humilis** (Mitford) T.Q. Nguyen

*Arundinaria humillima* Pilg., Verh. Bot. Vereins Prov. Brandenburg 47: 100. 1905. T-Protol.: Peru: Dept. Loreto: Cerro de Escalero , *Ule 6598*. T-Specim.: 1 of 1. Peru: Loreto, Nov 1902, *E. Ule 6598* [HT: B(fragm., US-2808852)].
= **Aulonemia humillima** (Pilg.) McClure

*Arundinaria japonica* Siebold & Zucc. ex Steud., Syn. Pl. Glumac. 1: 334. 1854. T-Protol.: Java[HT:L]. T-Specim.: 1 of 1. Japan, no date, *P.F. von Siebold s.n.* [T: US-2808850].
= **Pseudosasa japonica** (Siebold & Zucc. ex Steud.) Makino ex Nakai

*Arundinaria laydekeri* Bean ex Vilm., Bull. Soc. Dendrol. France 12: 80. 1909. T-Protol.: cult. Europe.
NOTE: nom. nud.
= **Pleioblastus chino** (Franch. & Sav.) Makino

*Arundinaria leptophylla* (Nees) Hack., Oesterr. Bot. Z. 53: 69, 516. 1903. Basionym: *Chusquea leptophylla* Nees
= **Chusquea leptophylla** Nees

*Arundinaria longiaurita* (Hand.-Mazz.) Hand.-Mazz., Symb. Sin. 7(5): 1271-1272. 1936. Basionym: *Indocalamus longiauritus* Hand.-Mazz.
= **Indocalamus longiauritus** Hand.-Mazz.

*Arundinaria longiflora* (Munro) Hack., Oesterr. Bot. Z. 53: 69. 1903. Basionym: *Arthrostylidium longiflorum* Munro
= **Arthrostylidium longiflorum** Munro

*Arundinaria longifolia* E. Fourn. ex Hemsl., Biol. Cent.-Amer., Bot. 3: 586. 1885.
NOTE: nom. nud.
= **Guadua longifolia** (E. Fourn.) R.W. Pohl

*Arundinaria longifolia* E. Fourn., Mexic. Pl. 2: 131. 1886. T-Protol.: Mexico: Jicaltepec, Apr, *Liebmann s.n.* [HT: C ]. T-Specim.: 1 of 6. Mexico, *F. Liebmann s.n.* [ST: C; IST: US-734839]. 2 of 6. Mexico, *F. Liebmann s.n.* [ST: C; IST: US-734838]. 3 of 6. Mexico: Veracruz: Jicaltepec, Apr, *F. Liebmann 123* [ST: C; IST: US-734840]. 4 of 6. Mexico: Veracruz: Pital, *F. Liebmann 122* [ST: C; IST: US-734842]. 5 of 6. Mexico: Veracruz: Jicaltepec, Apr, *F. Liebmann 121* [ST: C; IT: US-734841]. 6 of 6. Mexico, *Karwinsky 947* [ST].
= **Guadua longifolia** (E. Fourn.) R.W. Pohl

*Arundinaria macrosperma* Michx., Fl. Bor.-Amer. 1: 74. 1803. T-Protol.: Hab. ad ripas flum. Mississippi, in Carolina, Florida, *Michaux s.n.* [HT: P ]. T-Specim.: 1 of 1. USA: Hab. a Virginia ad Floridam et in occidentalibus juxta fluvios ab Illinoensibus ad ostium Misissipi, no date, *F.A. Michaux s.n.* [HT: P; IT: P, US-2809018].
= **Arundinaria gigantea** subsp. **macrosperma** (Michx.) McClure

*Arundinaria macrosperma* var. *arborescens* Munro, Trans. Linn. Soc. London 26(1): 15. 1868.
= **Arundinaria gigantea** (Walter) Muhl.

*Arundinaria macrosperma* var. *suffruticosus* Munro, Trans. Linn. Soc. London 26(1): 15. 1868.
= **Arundinaria gigantea** (Walter) Muhl.

*Arundinaria macrosperma* var. *tecta* (Walter) A.W. Wood, Amer. Bot. Fl. (ed. 2) 404. 1871. Basionym: *Arundo tecta* Walter
= **Arundinaria gigantea** subsp. **tecta** (Walter) McClure

*Arundinaria macrostachya* Nees, Linnaea 9(4): 481. 1834. T-Protol.: In Brasilia, *Sellow s.n.* [HT: B ]. T-Specim.: 1 of 1. Brazil, no date, *F. Sellow s.n.* [HT: B; IT: US-2809017, US-557550].
= **Colanthelia macrostachya** (Nees) McClure

*Arundinaria maculata* Hack., Oesterr. Bot. Z. 53: 69, 516. 1903.
NOTE: nom. nov., cited *Arthrostylidium maculatum* Rupr, that a nom. illeg. superfl. for *Guadua parviflora* J. Presl
REPLACED NAME: *Guadua parviflora* J. Presl.
BLOCKING NAME: *Arundinaria parviflora* Trin.
= **Aulonemia parviflora** (J. Presl) McClure

*Arundinaria marmorea* (Mitford) Makino, Bot. Mag. (Tokyo) 14: 63. 1900. Basionym: *Bambusa marmorea* Mitford
= **Chimonobambusa marmorea** (Mitford) Makino

*Arundinaria microclada* Pilg., Symb. Antill. 5: 289. 1907. T-Protol.: Hab. in Haiti prope Port-au-Prince in montibus Furcy, dictis, in sylvis apricis, ad declivia, *Picarda 270*. T-Specim.: 1 of 1. Haiti: Hispaniola Island, Jan 1891, *L. Picarda 270* [HT: B; IT: US-2809014].
= **Chusquea abietifolia** Griseb.

*Arundinaria mirabile* (hort. ex Burb.) Hack., Nat. Pflanzenfam. Nachtrag (2-4 Teil) 1: 9. 1897 Basionym: *Bambusa palmata* hort. ex Burb.
= **Glaziophyton mirabile** Franch.

*Arundinaria mucronata* Munro ex E.G. Camus, Notul. Syst. (Paris) 2(8): 244. 1912. T-Protol.: Brésil: Minas Geraes, *A. St. Hilaire 318*. T-Specim.: 1 of 1. Brazil: Minas Gerais, 1816 and 1821, *A. St. Hilaire 318* [IT: US-2809013].
= **Aulonemia aristulata** (Döll) McClure

*Arundinaria multiflora* Döll, Fl. Bras. 2(3): 166. 1880. T-Protol.: In Nova Granatae prov. de Bogotá lecta, *J. Triana 308*. T-Specim.: 1 of 1. Colombia: Special District, no date, *J.J. Triana s.n.* [T: US-2809012].
= **Aulonemia trianae** (Munro) McClure

*Arundinaria multispicata* (Pilg.) Hack., Oesterr. Bot. Z. 53: 69. 1903. Basionym: *Arthrostylidium multispicatum* Pilg.
= **Arthrostylidium multispicatum** Pilg.

*Arundinaria murielae* Gamble, Bull. Misc. Inform. Kew 1920(10): 344. 1920. T-Protol.: China: Western Hupeh: Fang Hsien, uplands at 2000-3000 m alt., *E.H. Wilson 1462* [HT: K ].
= **Fargesia murielae** (Gamble) T.P. Yi

*Arundinaria nitida* Mitford, Gard. Chron. 18: 186, f. 33. 1895. T-Protol.: Seed collected in North Szechuan , *Mr. Potanin*.
NOTE: nom. illeg. superfl. (pro. *A. khasiana* Munro; ecr. provided by Bean's (misapl.) descr. of *A. khasiana* in Gard. Chron. 3rd ser., 15: 301. 1894
= **Fargesia nitida** (Mitford) Keng f. ex T.P. Yi

*Arundinaria nitida* Mitford ex Stapf, Bull. Misc. Inform. Kew 109: 20. 1896.
NOTE: nom. illeg. hom.
E. HOM.: *Arundinaria nitida* Mitford
= **Fargesia nitida** (Mitford) Keng f. ex T.P. Yi

*Arundinaria obtusata* (Pilg.) Hack., Oesterr. Bot. Z. 53: 69. 1903. Basionym: *Arthrostylidium obtusatum* Pilg.
= **Arthrostylidium obtusatum** Pilg.

*Arundinaria palmata* (hort. ex Burb.) Bean, Gard. Chron., ser. 3, 15: 238. 1894. Basionym: *Bambusa palmata* hort. ex Burb.
= **Sasa palmata** (hort. ex Burb.) Nakai

*Arundinaria parviflora* Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 3,1(6): 619. 1835. T-Protol.: Brasil: In sylvis pr. Ypenema, *Riedel 189* [HT: LE ]. T-Specim.: 1 of 1. Brazil, no date, *L. Riedel 189* [HT: LE; IT: US-2809009].
= **Rhipidocladum parviflorum** (Trin.) McClure

*Arundinaria patula* Pilg., Bot. Jahrb. Syst. 25: 719. 1898. T-Protol.: Colombia: Crescit vicinitate oppidi Popayan in valle fluminis Cauca circa Coco nuco, *Stübel 465*. T-Specim.: 1 of 1. Colombia, no date, *A. Stübel 465* [HT: B; IT: US-2809008].
= **Aulonemia patula** (Pilg.) McClure

*Arundinaria pinifolia* Nees, Fl. Bras. Enum. Pl. 2: 525. 1829. T-Protol.: Brasilia: habitat in altis petrosis aridis, Serra do Itambe de Villa dictis, et alibi in distr. Adamantum Prov. Minarum, *Martius s.n.* [HT: B ]. T-Specim.: 1 of 1. Brazil, *F. Sellow 1073* [LT: US-2874646], LT designated by Clark, Syst. Bot. Monogr. 27: 51 (1989).
= **Chusquea pinifolia** (Nees) Nees

*Arundinaria pittieri* (Hack.) E.G. Camus, Bambusees 40. 1913. Basionym: *Arthrostylidium pittieri* Hack.
= **Rhipidocladum pittieri** (Hack.) McClure

*Arundinaria prestoei* (Munro) Hack., Oesterr. Bot. Z. 53: 516. 1903. Basionym: *Arthrostylidium prestoei* Munro
= **Rhipidocladum prestoei** (Munro) McClure

*Arundinaria pubescens* (Rupr.) Hack., Oesterr. Bot. Z. 53: 69. 1903. Basionym: *Arthrostylidium pubescens* Rupr.
= **Arthrostylidium pubescens** Rupr.

*Arundinaria quadrangularis* (Franceschi) Makino, Bot. Mag. (Tokyo) 9: 71. 1895. Basionym: *Bambusa quadrangularis* Franceschi
= **Chimonobambusa quadrangularis** (Franceschi) Makino

*Arundinaria queko* (Goudot) Hack., Oesterr. Bot. Z. 52: 74. 1902. Basionym: *Aulonemia queko* Goudot
= **Aulonemia queko** Goudot

*Arundinaria racemiflora* (Steud.) Hack., Oesterr. Bot. Z. 53: 516. 1903. Basionym: *Arthrostylidium racemiflorum* Steud.
= **Rhipidocladum racemiflorum** (Steud.) McClure

*Arundinaria radiata* Rupr., Bambuseae 25, t. 15, f. 9. 1839. T-Protol.: In sylvis umbrosis Brasiliae, m. Januar, *Riedel s.n.* [HT: LE ]. T-Specim.: 1 of 1. Brazil, no date, *L. Riedel s.n.* [HT: LE; IT: US-280919].
= **Aulonemia radiata** (Rupr.) McClure & L.B. Sm.

*Arundinaria ragamowskii* Pfitzer, Mitt. Deutsch. Dendrol. Ges. 1902: 96. 1902.
REPLACED NAME: *Bambusa tessellata* Munro.
BLOCKING NAME: *Arundinaria tessellata* (Nees) Munro
= **Indocalamus tessellatus** (Munro) Keng f.

*Arundinaria ramosissima* Hack., Oesterr. Bot. Z. 53(2): 74. 1903. T-Protol.: Brasil: Rio de Janeiro, *Glaziou 20149*. T-Specim.: 1 of 1. Brazil: Rio de Janeiro, 4 Jun 1892, *A.F.M. Glaziou 20149* [HT: W; IT: US-80199], Also type collection of *Arundinaria glaziovii* var. *macroblephara* Camus, Bambusées 41 (1913).
= **Aulonemia ramosissima** (Hack.) McClure

*Arundinaria rhizantha* Hack., Repert. Spec. Nov. Regni Veg. 7(149-151): 323. 1909. T-Protol.: Brasilia: Rio Grande do Sul: Municipio Rio Pardo: prope Fasenda Soledade, 100 m.s.m., *C. Juergens s.n.* T-Specim.: 1 of 1. Brazil: Rio Grande do Sul, 1906, *C. Jurgens 314* [HT: W(fragm., US-865389)].
= **Colanthelia rhizantha** (Hack.) McClure

*Arundinaria schomburgkii* Benn., Proc. Linn. Soc. Lond. 1: 51. 1840. T-Protol.: Mount Marawacca, 3500 ft. T-Specim.: 1 of 1. Venezuela: Amazonas, Cerro Marahuaca, 1839 or 1842-1843, *Schomburgk s.n.* [HT: HT: BM (photo NY); IT: GH, K, NY].
= **Arthrostylidium schomburgkii** (Benn.) Munro

*Arundinaria schomburgkii* Benn., Trans. Linn. Soc. London 18(4): 562. 1841.
NOTE: isonym.

E. HOM.: *Arundinaria schomburgkii* Benn.
= **Arthrostylidium schomburgkii** (Benn.) Munro

*Arundinaria setifera* Pilg., Repert. Spec. Nov. Regni Veg. 1(10): 145. 1905. T-Protol.: Peru: in montibus prope Monzon civitatis Huanuco, 2500 m, florens mense Julio 1903 , *Weberbauer 3387*. T-Specim.: 1 of 1. Peru: Huánuco, Jul 1903, *A. Weberbauer 3387* [HT: B; IT: US-2809006].
= **Aulonemia haenkei** (Rupr.) McClure

*Arundinaria setigera* Hack., Oesterr. Bot. Z. 53(2): 73. 1903. T-Specim.: 1 of 2. Brazil: Rio de Janeiro, Dec 1888, *A.F.M. Glaziou 17916* [ST: W(fragm., US-2809005)]. 2 of 2. Brazil: Rio de Janeiro, *Glaziou 470* [ST: W].
= **Aulonemia setigera** (Hack.) McClure

*Arundinaria simonii* (Carrière) Rivière & C. Rivière, Bull. Soc. Natl. Acclim. France 5: 774, f. 43-50. 1878. Basionym: *Bambusa simonii* Carrière
= **Pleioblastus simonii** (Carrière) Nakai

*Arundinaria simpliciuscula* Pilg., Bot. Jahrb. Syst. 56(Beibl. 123): 29. 1920. T-Protol.: Brasilien: Rio Negro, Wald bei Manaos, Aug 1910 , *Ule 8813*. T-Specim.: 1 of 1. Brazil: Amazonas: Pensador bei Manaus, flowering, Aug 1910, *E. Ule 3313* [HT: B(fragm., US-2809003); IT: K(fragm., US-2809004), HBG?, US-2154030].
= **Arthrostylidium simpliciusculum** (Pilg.) McClure

*Arundinaria sodiroana* Hack., Oesterr. Bot. Z. 53(2): 70. 1903. T-Protol.: Ecuador in silvis subandinis , *Sodiro s.n.* T-Specim.: 1 of 1. Ecuador: Pichincha, 1903, *A. Sodiro 237* [T: W(fragm., US-1163141)], .
NOTE: nom. nud. in Anales Univ. Centr. Ecuador 1899: 11 (1899)
= **Aulonemia patula** (Pilg.) McClure

*Arundinaria standleyi* Hitchc., Proc. Biol. Soc. Wash. 40: 79. 1927. T-Protol.: Collected in wet forest at El Muñeco, on the Río Navarro, Province of Cartago, Costa Rica, 1400 to 1500 m, 6 Mar 1926, *Paul C. Standley & Ruben Torres 51060* [US-1307242 ]. T-Specim.: 1 of 1. Costa Rica: Cartago, 6 Mar 1926, *P.C. Standley & R. Torres 51060* [HT: US-1307242].
= **Arthrostylidium venezuelae** (Steud.) McClure

*Arundinaria tecta* (Walter) Muhl., Cat. Pl. Amer. Sept. 14. 1813. Basionym: *Arundo tecta* Walter
= **Arundinaria gigantea** subsp. **tecta** (Walter) McClure

*Arundinaria tecta* var. *colorata* Rupr., Bambuseae 22, t. 2, f. 1. 1839. T-Protol.: America Boreali.
= **Arundinaria gigantea** (Walter) Muhl.

*Arundinaria tecta* var. *decidua* Beadle, Stand. Cycl. Hort. 1: 446. 1914. T-Protol.: USA: North Carolina.
= **Arundinaria gigantea** (Walter) Muhl.

*Arundinaria tecta* var. *distachya* Rupr., Bambuseae 22, t. 2, f. 1. 1839. T-Protol.: Red River, Philadelphia. T-Specim.: 1 of 1. USA: Pennsylvania, Philadelphia Co., no date, *T. Nuttall s.n.* [T: US-2808999].
= **Arundinaria gigantea** (Walter) Muhl.

*Arundinaria tecta* var. *pumila* (Nutt.) Rupr., Bambuseae 22, t. 2, f. 1. 1839. Basionym: *Miegia pumila* Nutt.
= **Arundinaria gigantea** (Walter) Muhl.

*Arundinaria tootsik* Siebold ex Makino, Bot. Mag. (Tokyo) 14: 62. 1900. T-Protol.: Japan.
NOTE: cites *Bambos tootsik* Siebold, nom. nud.
= **Sinobambusa tootsik** (Siebold ex Makino) Makino ex Nakai

*Arundinaria trianae* Munro, Trans. Linn. Soc. London 26(1): 25. 1868. T-Protol.: Hab. N. Grenada, Andes de Bogota, alt. 2800 p.s.m., *Triana s.n.* T-Specim.: 1 of 1. Colombia, Mar 1856, *J.J. Triana 308* [IT: US-1646312, US-820824, US-1865288, US-1574213].
= **Aulonemia trianae** (Munro) McClure

*Arundinaria trinii* Rupr. ex Döll, Fl. Bras. 2(3): 174. 1880.
NOTE: nom. inval., as syn. of; citation error by Doell for *Arthrostylidium trinii* Rupr.
= **Rhipidocladum parviflorum** (Trin.) McClure

*Arundinaria ulei* Hack., Oesterr. Bot. Z. 53(2): 75. 1903. T-Protol.: Brasilia, provincia S. Catharinae, ad fluv. Rio das Contas montium Sra Geral, 1891, *Ule 1955*. T-Specim.: 1 of 1. Brazil: Santa Catarina, 1891, *E. Ule 1955* [HT: W; IT: US-2808997].
= **Aulonemia ulei** (Hack.) McClure & L.B. Sm.

*Arundinaria urbanii* (Pilg.) Hack., Oesterr. Bot. Z. 53: 69. 1903. Basionym: *Arthrostylidium urbanii* Pilg.
= **Arthrostylidium urbanii** Pilg.

*Arundinaria variabilis* var. *fortunei* (Van Houtte) Houz., Mitt. Deutsch. Dendrol. Ges. 16: 226. 1907. Basionym: *Bambusa fortunei* Van Houtte
= **Sasa fortunei** (Van Houtte) Fiori

*Arundinaria variegata* (Siebold ex Miq.) Makino, Bot. Mag. (Tokyo) 26(300): 15. 1912. Basionym: *Bambusa variegata* Siebold ex Miq.
= **Sasa fortunei** (Van Houtte) Fiori

*Arundinaria veitchii* (Carrière) N.E. Br., Gard. Chron. 5: 521. 1889. Basionym: *Bambusa veitchii* Carrière
= **Sasa veitchii** (Carrière) Rehder

*Arundinaria viridistriata* Makino ex Nakai, J. Jap. Bot. 10(9): 568. 1934. T-Protol.: Japan.
= **Pleioblastus viridi-striatus** (Siebold ex André) Makino

*Arundinaria verticillata* Nees, Fl. Bras. Enum. Pl. 2(1): 523. 1829. T-Protol.: Brasilia, *Sellow s.n.* T-Specim.: 1 of 1. Brasilia, between 1814 and 1829, *F. Sellow s.n.* [HT: B(fragm., US-557549, US-1021634, US-557548); IT: K, LE, US-2808995].
= **Actinocladum verticillatum** (Nees) McClure ex Soderstr.

*Arundinaria viscosa* Hitchc., Proc. Biol. Soc. Wash. 40: 79. 1927. T-Protol.: Collected in forests at the summits of Velirla, Copey, Costa Rica, 1800 to 2700 m, Feb 1898, *A. Tonduz 11729* [HT: US-577479 ]. T-Specim.: 1 of 1. Costa Rica: Copey, Feb 1898, *A. Tonduz 11729* [HT: US-577479; IT: US-825693].
= **Aulonemia viscosa** (Hitchc.) McClure

*Arundinaria* sect. *Glaziophyton* (Franch.) Hack., Nat. Pflanzenfam. Nachtrag(2-4 Teil) 1: 9. 1897. Basionym: *Glaziophyton* Franch.
= **Glaziophyton** Franch.

*Arundinaria* sect. *Indocalamus* (Nakai) Demoly, Bambou 7: 22. 1990. Basionym: *Indocalamus* Nakai
= **Indocalamus** Nakai

*Arundinaria* sect. *Thamnocalamus* (Munro) Hack., Nat. Pflanzenfam. (ed. 2) 2: 93. 1887. Basionym: *Thamnocalamus* Munro
= **Thamnocalamus** Munro

*Arundinariinae* subtrib. Benth., J. Linn. Soc., Bot. 19: 31. 1881. TYPE: *Arundinaria* Michx.
NOTE: isonym
= **Arundinariinae** subtrib. Nees ex Lindl.

*Arundinariinae* subtrib. Keng f., J. Bamboo Res. 11(1): 24. 1992.
= **Arundinariinae** subtrib. Nees ex Lindl.

**Arundinariinae** subtrib. Nees ex Lindl., Intr. Nat. Syst. Bot. 378. 1836. TYPE: *Arundinaria* Michx.
NOTE: as "Arundinariae"
TRTD. BY: The authors.
NHT: Bambuseae.
SYN.: subtrib. *Arundinariinae* Benth.; subtrib. *Arundinariinae* Keng f.; subtrib. *Arundinariinae* Ohwi; subtrib. *Pleioblastinae* Keng; subtrib. *Sasainae* Keng f.; subtrib. *Thamnocalaminae* Keng f.

*Arundinariinae* subtrib. Ohwi, Acta Phytotax. Geobot. 10(4): 264. 1941.
NOTE: isonym
= **Arundinariinae** subtrib. Nees ex Lindl.

*Arundo bambos* L., Sp. Pl. 1: 81. 1753. T-Protol.: Habitat in India utraque. T-Specim.: 1 of 2. No locality: Arundo Indica maxime cortice spinoso Tabaxir fundens. Mambu & Bambu dicta Arundo arbor B. Pin. Unaghas, *Hermann fol. 15* [LT: L], LT designated by Xia & Stapleton, Kew Bull. 52(3): 697 (1997). 2 of 2. , *Rheede, Hort. Malab. 1: t. 16 (1678)* [LT], LT designated by McClure, Blumea, Suppl. 3: 95 (1946).
NOTE: as "*Bambos*"
= **Bambusa bambos** (L.) Voss

*Arundo bambos* L., Syst. Nat. (ed. 10) 2: 878. 1759.
= **Bambusa arundinacea** (Retz.) Willd.

*Arundo farcta* Aubl., Hist. Pl. Guiane 1: 52. 1775. T-Protol.: [French Guiana]: Plum. Mss. 5. t. 92. cited.
= **Arthrostylidium farctum** (Aubl.) Soderstr. & Lourteig

*Arundo gigantea* Walter, Fl. Carol. 81. 1788. T-Protol.: USA: [South Carolina].
= **Arundinaria gigantea** (Walter) Muhl.

*Arundo quila* Molina, Sag. Stor. Nat. Chili 154. 1782. T-Protol.: Chile, see Ess. Hist. Nat. Chili 1789.
= **Chusquea quila** Kunth

*Arundo tecta* Walter, Fl. Carol. 81. 1788. T-Specim.: 1 of 1. USA: Maryland: Anne Arundel Co.: natural stand growing in and adjacent to a swamp lying betweeen Stony Creek and the Pennsylvania Railroad, near Friendship International Airport, *F.A. McClure 22000* [NT], NT designated by McClure, Smithsonian Contr. Bot. 9: 28 (1973).
= **Arundinaria gigantea** (Walter) Muhl.

*Asperella* Juss., Dict. Sci. Nat. 3: 214. 30 Jan 1805 ("1804").
NOTE: orth. var.
= **Leersia** Sol. ex Sw.

*Asperella oryzoides* (L.) Lam., Tabl. Encycl. 1: 167. 1791 Basionym: *Phalaris oryzoides* L.
= **Leersia oryzoides** (L.) Sw.

*Asprella* Schreb., Gen. Pl. 45. 1789.
NOTE: nom. illeg. superfl.
= **Leersia** Sol. ex Sw.

*Asprella australis* (R. Br.) Roem. & Schult., Syst. Veg. 2: 267. 1817. Basionym: *Leersia australis* R. Br.
= **Leersia hexandra** Sw.

*Asprella hexandra* (Sw.) P. Beauv., Ess. Agrostogr. 2, 153. 1812. Basionym: *Leersia hexandra* Sw.
= **Leersia hexandra** Sw.

*Asprella hexandra* (Sw.) Roem. & Schult., Syst. Veg. 2: 267. 1817. Basionym: *Leersia hexandra* Sw.
= **Leersia hexandra** Sw.

*Asprella imbricata* (Poir.) Roem. & Schult., Syst. Veg. 2: 268. 1817. Basionym: *Leersia imbricata* Poir.
= **Leersia virginica** Willd.

*Asprella lenticularis* (Michx.) P. Beauv., Ess. Agrostogr. 2: 153. 1812. Basionym: *Leersia lenticularis* Michx.
= **Leersia lenticularis** Michx.

*Asprella lenticularis* (Michx.) Roem. & Schult., Syst. Veg. 2: 267. 1817. Basionym: *Leersia lenticularis* Michx.
NOTE: isonym
E. HOM.: *Asprella lenticularis* (Michx.) P. Beauv.
= **Leersia lenticularis** Michx.

*Asprella mexicana* (Kunth) Roem. & Schult., Syst. Veg. 2: 267. 1817. Basionym: *Leersia mexicana* Kunth
= **Leersia hexandra** Sw.

*Asprella monandra* (Sw.) Roem. & Schult., Syst. Veg. 2: 267. 1817. Basionym: *Leersia monandra* Sw.

= **Leersia monandra** Sw.

*Asprella oryzoides* Schreb., Gen. Pl. 45. 1789.
NOTE: no species cited here, no comb. made
= **Leersia oryzoides** (L.) Sw.

*Asprella oryzoides* (L.) P. Beauv., Ess. Agrostogr. 2: 153, t. 4, f. 2. 1812. Basionym: *Phalaris oryzoides* L.
NOTE: isonym
E. HOM.: *Asprella oryzoides* (L.) Lam.
= **Leersia oryzoides** (L.) Sw.

*Asprella ovata* (Poir.) Roem. & Schult., Syst. Veg. 2: 267. 1817. Basionym: *Leersia ovata* Poir.
= **Leersia virginica** var. **ovata** (Poir.) Fernald

*Asprella virginica* (Willd.) P. Beauv., Ess. Agrostogr. 2: 153. 1812. Basionym: *Leersia virginica* Willd.
= **Leersia virginica** Willd.

*Asprella virginica* (Willd.) Roem. & Schult., Syst. Veg. 2: 266. 1817. Basionym: *Leersia virginica* Willd.
NOTE: isonym
E. HOM.: *Asprella virginica* (Willd.) P. Beauv.
= **Leersia virginica** Willd.

**Athroostachys** Benth., Gen. Pl. 3: 1208. 1883. TYPE: *Athroostachys capitata* (Hook.) Benth.
TRTD. BY: Judziewicz.
NHT: Arthrostylidiinae. SPP.: 1
CNSLTD LIT.: McClure (1973).

**Athroostachys capitata** (Hook.) Benth., Gen. Pl. 3: 1209. 1883. Basionym: *Merostachys capitata* Hook.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1997); McClure (1973); Renvoize (1984); Renvoize (1988).
SYN.: *Chusquea fimbriata* Steud.; *Chusquea glomerata* Munro; *Merostachys capitata* Hook.; *Merostachys capitata* var. *angustifolia* Döll; *Merostachys capitata* var. *capitata*.

**Atractantha** McClure, Smithsonian Contr. Bot. 9: 42, f. 21-23. 1973. TYPE: *Atractantha radiata* McClure
TRTD. BY: Judziewicz.
NHT: Arthrostylidiinae. SPP.: 5
CNSLTD LIT.: McClure (1973); Judziewicz (1992).

**Atractantha amazonica** Judz. & L.G. Clark, Novon 1(2): 78, f. 2. 1991. T-Protol.: Brazil: Amazonas: Rio Negro, Rio Marie, ca. 40 km above confluence with Rio Negro, right bank beyond rapids and cachoeira, clumps at edge of river in igapo forest [ca. 0.35S 66.40W, ca. 100 m,, 10 Sep 1979, *Kubitzki, Calderon & Poppendieck 79-222* [HT: INPA; IT: B, CANB, COL, CTES, F, G, ISC, K, LE, MO, NY, P, PE, PRE, SI, SP, TULV, US, USCH, W, WIS ]. T-Specim.: 1 of 1. Brazil: Amazonas, 10 Sep 1979, *K. Kubitzki, C.E. Calderón & H.H. Poppendieck 79-222* [HT: INPA; IT: US-3141347, US-3141348].
DST.: Braz, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1992); Judziewicz, Davidse & Clark (1991); Steyermark et al. (1995).

**Atractantha aureolanata** Judz., Ann. Missouri Bot. Gard. 79(1): 166, f. 2A-E, 3A-G, 5, 12. 1992. T-Protol.: Brazil: Bahia: Mun. Belmonte: 31 km SW of Belmonte, 84 km E of Itapebi, low forest on white sand above creek, 30 m, 11 Apr. 1976, *Soderstrom, G. F. Russell & J. Hage 2148* [HT: CEPEC; IT: B, C, CANB, COL, F, G, ISC, K, LE, MO, NY, P, PE, PRE, SGO, SI, SP, US, W, WIS ]. T-Specim.: 1 of 1. Brazil: Bahia, 11 Apr 1976, *T.R. Soderstrom, G.F. Russell & J. Hage 2148* [IT: US-2810440, US-2810441, US-2810442, US-281044].
DST.: Braz.
LVL. ACCPTC.: 1.

**Atractantha cardinalis** Judz., Ann. Missouri Bot. Gard. 79(1): 170, f. 3H-M, 4, 6, 7. 1992. T-Protol.: Brazil: Bahia: Mun. Una: road Una-Sao Jose, 34 km NW of Una, remains of humid forest partially cut down, with mixed, rich soil, 175 m, 22 Apr 1976, *C. E. Calderon, T. S. dos Santos L. B. de Oliveira 2385* [HT: CEPEC; IT: ISC, K, MO, NY, P, SI, SP, TULV, US, USCH ]. T-Specim.: 1 of 1. Brazil: Bahia, 22 Apr 1976, *C.E. Calderón, T.S. Santos & L.B. Oliveira 2385* [IT: US-2925788, US-2925789, US-2925790, US-2925791, US-2925792, US-2925793, US-2925794, US-2925795].
DST.: Braz.
LVL. ACCPTC.: 1.

**Atractantha falcata** McClure, Smithsonian Contr. Bot. 9: 48, f. 21. 1973. T-Protol.: Brasil: Bahia: Carrascal [forest of small trees] at Esplanada, sometime during 1950-1951, *G. Pinto 681* [HT: US-2040296; IT: CEPEC ]. T-Specim.: 1 of 1. Brazil: Bahia, 1950-1951, *G. Pinto 681* [HT: US-2040296].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1992); Renvoize (1984).

**Atractantha radiata** McClure, Smithsonian Contr. Bot. 9: 50, f. 22-23. 1973. T-Protol.: Brasil: Baía: estrada de Bom Gosto a Olivença, 15 Mar 1943, *R. de Lemos Fróes 19947* [HT: US-1910764, US-1910765, US-2146781; IT: IAN-15373 ]. T-Specim.: 1 of 1. Brazil: Bahia: estrada de Bom Gosto a Olivença, 15 Mar 1943, *R.L. Fróes 19947* [HT: US-1910765, US-1910764, US-2146781: IT: CEPEC, IAN-15373, US].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1992); Renvoize (1984).

**Aulonemia** Goudot, Ann. Sci. Nat., Bot., ser. 3, 5: 75. 1846. TYPE: *Aulonemia queko* Goudot
TRTD. BY: Judziewicz.
NHT: Arthrostylidiinae. SPP.: 34
CNSLTD LIT.: McClure (1973); Clark & Londoño (1990); Davidse & Pohl (1992); Judziewicz, Davidse & Clark

(1991); Soderstrom (1988); Clark (1985).
SYN.: *Matudacalamus* F. Maek.

**Aulonemia amplissima** (Nees) McClure, Smithsonian Contr. Bot. 9: 56. 1973. Basionym: *Arundinaria amplissima* Nees
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Arthrostylidium amplissimum* (Nees) McClure; *Arundinaria amplissima* Nees.

**Aulonemia aristulata** (Döll) McClure, Smithsonian Contr. Bot. 9: 56. 1973. Basionym: *Arundinaria aristulata* Döll
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (1991); Filgueiras (ined.); Smith, Wasshausen & Klein (1981).
SYN.: *Arundinaria aristulata* Döll; *Arundinaria mucronata* Munro ex E.G. Camus; *Sieglingia aristulata* (Döll) Kuntze.

**Aulonemia bogotensis** L.G. Clark, Brittonia 49(4): 504, f. 1. 1997. T-Protol.: Colombia: Cundinamarca: Páramo de Cruz Verde, carretera Bogotá-Choachí, km 14, 3325 m, 13 Apr 1972, flowers, *A. Cleef 2879* [HT: COL; IT: COL].
DST.: Colo.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark, X. Londoño & M. Kobayashi (1997).

**Aulonemia boliviana** Renvoize, Gram. Bolivia 39, f. 3A. 1998. T-Protol.: Bolivia: La Paz: Nor Yungas, Yolosa Hacia La Paz, *Renvoize 4779* [HT: LPB; IT: K].
DST.: Boli.
LVL. ACCPTC.: 2.

**Aulonemia chimantaensis** Judz. & Davidse, Novon 1(2): 80, f. 3G-J. 1991. T-Protol.: Venezuela: Bolívar: Dist. Piar: altiplanicie en la base meridional de los farallones superiores del Apacara-tepui, drier part of savanna bordering large swampy savana, 5.20N,62.12W, ca. 2200 m, 30 Jan-1 Feb. 1983 (fl)., *J.A. Steyermark, O. Huber & V. Carreno 128369* [HT: MO; IT: BRI, ISC, K, PRE, SP, US, VEN ]. T-Specim.: 1 of 1. Venezuela: Bolívar, Piar Dist., 30 Jan 1983-1 Feb 1983, *J.A. Steyermark, O. Huber & V. Carreno-Espinosa 128369* [HT: MO; IT: US-3084364, US-2982031].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz, Davidse & Clark (1991); Steyermark et al. (1995).

*Aulonemia cingulata* McClure & L.B. Sm., Fl. Il. Catarin. Gram. Suppl.: 50. 1967. T-Protol.: Brazil: Santa Catarina: Sombrio, Garapuvu, Vista Alegre, orla da mata, 30 m, 14 May 1960, *Reitz & Klein 9679* [HT: US-2380712 ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 14 May 1960, *R. Reitz & R. Klein 9679* [HT: US-2380712; IT: US-2380714, US-2380713, US-2909111].
= **Colanthelia cingulata** (McClure & L.B. Sm.) McClure

**Aulonemia clarkiae** Davidse & R.W. Pohl, Novon 2(2): 84, f. 2. 1992. T-Protol.: Mexico: Chiapas: Mun. Jitolol: 5 km SE of Jitolol along road to Bochil, in trees, open forest with Pinus, Quercus, Nyssa, Liquidambar, and Brunellia, culms to 8 m tall, 1600 m, 8 Nov 1981, *D. E. Breedlove & G. Davidse 55085* [HT: MO; IT: CAS, US ]. T-Specim.: 1 of 1. Mexico: Chiapas: Jitotol Mun., 8 Nov 1981, *D.E. Breedlove & G. Davidse 55085* [HT: MO; IT: US-2960276].
DST.: Hond, Mexi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994);

**Aulonemia deflexa** (N.E. Br.) McClure, Smithsonian Contr. Bot. 9: 56. 1973. Basionym: *Arundinaria deflexa* N.E. Br.
DST.: Guya, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1991a); Steyermark et al. (1995).
SYN.: *Arthrostylidium steyermarkii* McClure; *Arundinaria deflexa* N.E. Br.; *Aulonemia steyermarkii* (McClure) McClure.

**Aulonemia effusa** (Hack.) McClure, Smithsonian Contr. Bot. 9: 56. 1973. Basionym: *Arundinaria effusa* Hack.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (ined.); Renvoize (1988).
SYN.: *Arthrostylidium effusum* (Hack.) McClure; *Arundinaria effusa* Hack.

**Aulonemia fulgor** Soderstr., Brittonia 40(1): 22, f. 1b, 2. 1988. T-Protol.: Mexico: Oaxaca:, *Soderstrom 2236* [HT: US; IT: CANB, CHAPA, K, LE, MEXU, MO, NY, P, PRE, US ]. T-Specim.: 1 of 1. Mexico: Oaxaca: Mun. Santiago S Comaltepec: 82 km SW of Tuxtepec on hwy to Oaxaca, 4 Oct 1977, *T.R. Soderstrom 2236* [HT: US-2946843, US-2946844, US-2946845, US-2946846, US-2946847, US-2946848; IT: LE, MO].
DST.: Mexi.
LVL. ACCPTC.: 1.

**Aulonemia glaziovii** (Hack.) McClure, Smithsonian Contr. Bot. 9: 56. 1973. Basionym: *Arundinaria glaziovii* Hack.
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Arundinaria glaziovii* Hack.; *Arundinaria glaziovii* var. *glaziovii*.

**Aulonemia goyazensis** (Hack.) McClure, Smithsonian Contr. Bot. 9: 56. 1973. Basionym: *Arundinaria goyazensis* Hack.
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Arundinaria goyazensis* Hack.

**Aulonemia haenkei** (Rupr.) McClure, Smithsonian Contr. Bot. 9: 56. 1973. Basionym: *Arthrostylidium haenkei* Rupr.
DST.: Ecua, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993).
SYN.: *Arthrostylidium haenkei* Rupr.; *Arundinaria haenkei* (Rupr.) Hack.; *Arundinaria setifera* Pilg.

**Aulonemia herzogiana** (Henrard) McClure, Smithsonian Contr. Bot. 9: 56. 1973. Basionym: *Arundinaria herzogiana* Henrard
DST.: Boli.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Renvoize (1998).
SYN.: *Arundinaria herzogiana* Henrard.

**Aulonemia hirtula** (Pilg.) McClure, Smithsonian Contr. Bot. 9: 56. 1973. Basionym: *Arundinaria hirtula* Pilg.
DST.: Ecua, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Tovar (1993).
SYN.: *Arundinaria hirtula* Pilg.

**Aulonemia humillima** (Pilg.) McClure, Smithsonian Contr. Bot. 9: 58. 1973. Basionym: *Arundinaria humillima* Pilg.
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Tovar (1993).
SYN.: *Arundinaria humillima* Pilg.

*Aulonemia intermedia* McClure & L.B. Sm., Fl. Il. Catarin. Gram. Suppl.: 52. 1967. T-Protol.: Brazil: Santa Catarina: Rio do Sul, Serra do Matador, mata, 550 m, 25 Feb 1964, *Klein 4612* [HT: US-2434526 ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 25 Feb 1964, *R. Klein 4612* [HT: US-2434526; IT: US-2534528, US-2434525].
= **Colanthelia intermedia** (McClure & L.B. Sm.) McClure

**Aulonemia jauaensis** Judz. & Davidse, Novon 1(2): 83, f. 3A-F. 1991. T-Protol.: Venezuela: Bolívar: Cerro Jaua, cumbre de la porcion Central-Occidental de la Meseta, 4.45N, 64.26W, 60 km NW de la mision de Campamento Sanidad del Río Kanarakuni, 1922-2100 m, 22-27 Mar. 1967 (fl), *J.A. Steyermark 98093* [HT: US-2594343, US-2594344; IT: F-1761247, NY ]. T-Specim.: 1 of 2. Venezuela: Bolívar: Meseta de Jaua, 22 Mar 1967 to 27 Mar 1967, *J.A. Steyermark 98093* [HT: US-2594344, US-2594343; IT: F, NY]. 2 of 2. .
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz, Davidse & Clark (1991); Steyermark et al. (1995).

*Aulonemia lanciflora* McClure & L.B. Sm., Fl. Il. Catarin. Gram. Suppl.: 47. 1967. T-Protol.: Brazil: Santa Catarina: Bom Retiro, mato, 1600 m, 15 Dec 1948, *Reitz 2346* [HT: US ].
= **Colanthelia lanciflora** (McClure & L.B. Sm.) McClure

**Aulonemia laxa** (F. Maek.) McClure, Smithsonian Contr. Bot. 9: 58. 1973. Basionym: *Matudacalamus laxus* F. Maek.
DST.: Mexi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Beetle (1983); Breedlove (1986); Davidse, Sousa & Chater (1994).
SYN.: *Matudacalamus laxus* F. Maek.

**Aulonemia longiaristata** L.G. Clark & Londoño, Ann. Missouri Bot. Gard. 77(2): 353, f. 1, 3. 1990. T-Protol.: Ecuador: Azuay: Nudo de Portete, pass between headwaters of the ríos Tarquí (Atlantic) and Girón (Pacific), 9000 ft, 10 Mar 1945, *Camp, W.H. E-2177* [HT: US(2 sheets); IT: NY]. T-Specim.: 1 of 1. Ecuador: Azuay: 2745 m, 10 March 1945, *Camp E-2177* [HT: US-2011118; IT: NY], .
DST.: Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993).

**Aulonemia longipedicellata** Renvoize, Gram. Bolivia 41, f. 3B. 1998. T-Protol.: Bolivia: La Paz: Nor Yungas, Unduavi hacia Coroico, *Solomon 5205* [HT: LPB; IT: MO].
DST.: Boli.
LVL. ACCPTC.: 2.

**Aulonemia parviflora** (J. Presl) McClure, Smithsonian Contr. Bot. 9: 58. 1973. Basionym: *Guadua parviflora* J. Presl
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993).
SYN.: *Arthrostylidium maculatum* Rupr.; *Arundinaria maculata* Hack.; *Bambusa parviflora* (J. Presl) Schult. & Schult. f.; *Guadua parviflora* J. Presl.

*Aulonemia patriae* R.W. Pohl, Fieldiana, Bot., n.s. 4: 68. 1980. T-Specim.: 1 of 2. Costa Rica: Heredia: Alto del Roble, N of Heredia, in the pass, just S of the new bridge, elev. 2000 m, entire colony, on both vertical walls of canyon E of road, fruiting and dead or dying, old culms disarticulating, 12 Jun 1978, *Pohl & Gabel 13577* [ST: ISC]. 2 of 2. Costa Rica: Heredia: Alto del Roble, N of Heredia, in the pass, just S of the new bridge, elev. 2000 m, 8 Apr 1972, *Pohl 12798* [ST: ISC].
NOTE: nom. inval., holotype not indicated
CORRECT NAME: *Aulonemia patriae* R.W. Pohl
= **Aulonemia patriae** R.W. Pohl

**Aulonemia patriae** R.W. Pohl, Ann. Missouri Bot. Gard. 68(1): 225. 1981. T-Specim.: 1 of 1. Costa Rica: Heredia: Alto del Roble, 10.05N 84.05W, 2000 m, 12 Jun 1978, *Pohl & Gabel 13577* [HT: ISC; IT: CR-69356].
NOTE: nom. inval. in Fieldiana, Bot., n.s. 4: 68 (1980),

holotype not indicated
DST.: CoRi, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Pohl (1980).
SYN.: *Aulonemia patriae* R.W. Pohl.

**Aulonemia patula** (Pilg.) McClure, Smithsonian Contr. Bot. 9: 58. 1973. Basionym: *Arundinaria patula* Pilg.
DST.: Ecua, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993).
SYN.: *Arundinaria patula* Pilg.; *Arundinaria sodiroana* Hack.; *Aulonemia sodiroana* (Hack.) McClure.

**Aulonemia pumila** L.G. Clark & Londoño, Ann. Missouri Bot. Gard. 77(2): 356, f. 2A-C, 3. 1990. T-Protol.: Colombia: Putumayo: km 34 from Pasto on the Pasto-Sibundoy road, páramo San Antonio del Bordoncillo, 3210 m, 5 Feb 1988, *Londoño & Clark 382* [HT: COL; IT: ISC, MO, NY, TULV, US, WIS ]. T-Specim.: 1 of 1. Colombia: Putumayo, 5 Feb 1988, *X. Londoño, L.G. Clark & B. Corredor 382* [HT: COL; IT: MO, US-3140744].
DST.: Colo.
LVL. ACCPTC.: 1.

**Aulonemia purpurata** (McClure) McClure, Smithsonian Contr. Bot. 9: 58. 1973. Basionym: *Arthrostylidium purpuratum* McClure
DST.: Vene.
LVL. ACCPTC.: 1.
SYN.: *Arthrostylidium purpuratum* McClure.

**Aulonemia queko** Goudot, Ann. Sci. Nat., Bot., ser. 3, 5: 76, t. 4. 1846. T-Protol.: Dans la montagne de Quindiu république de la Nouvelle Granade[HT: P ]. T-Specim.: 1 of 1. Colombia:, Aug 1844, *J. Goudot 1* [T: US-2809281].
DST.: Colo, Ecua, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); McClure (1973); Tovar (1993).
SYN.: *Arthrostylidium queko* (Goudot) Hack.; *Arundinaria queko* (Goudot) Hack.

**Aulonemia radiata** (Rupr.) McClure & L.B. Sm , Fl. Il. Catarin. Gram.-Suppl.: 56. 1967. Basionym: *Arundinaria radiata* Rupr.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Smith, Wasshausen & Klein (1981).
SYN.: *Arundinaria radiata* Rupr.

**Aulonemia ramosissima** (Hack.) McClure, Smithsonian Contr. Bot. 9: 58. 1973. Basionym: *Arundinaria ramosissima* Hack.
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Arundinaria glaziovii* var. *macroblephara* E.G. Camus; *Arundinaria ramosissima* Hack.

**Aulonemia robusta** L.G. Clark & Londoño, Ann. Missouri Bot. Gard. 77(2): 356, f. 2D-E, 3. 1990. T-Protol.: Venezuela: Mérida: Dtto. Sucre: via Estanquez-Las Colorados-El Molino-Canagua, páramo Las Colorados (páramo La Laguna), 2800 m, 143 Jun 1989, *Clark et al. 533* [HT: VEN; IT: ISC, MO, NY, US ]. T-Specim.: 1 of 1. Venezuela: Merida, Sucre Dist., 14 Jun 1983, *L.G. Clark, J. Gaviria & G. Adamo 533* [IT: US-3173815, US-3173814].
DST.: Colo, Vene.
LVL. ACCPTC.: 1.

**Aulonemia setigera** (Hack.) McClure, Smithsonian Contr. Bot. 9: 58. 1973. Basionym: *Arundinaria setigera* Hack.
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Arthrostylidium aristatum* Glaz. ex Camus; *Arundinaria setigera* Hack.

*Aulonemia sodiroana* (Hack.) McClure, Smithsonian Contr. Bot. 9: 61. 1973. Basionym: *Arundinaria sodiroana* Hack.
= **Aulonemia patula** (Pilg.) McClure

*Aulonemia steyermarkii* (McClure) McClure, Smithsonian Contr. Bot. 9: 61. 1973. Basionym: *Arthrostylidium steyermarkii* McClure
= **Aulonemia deflexa** (N.E. Br.) McClure

**Aulonemia subpectinata** (Kuntze) McClure, Smithsonian Contr. Bot. 9: 61. 1973. Basionym: *Arthrostylidium subpectinatum* Kuntze
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Steyermark et al. (1995).
SYN.: *Arthrostylidium subpectinatum* Kuntze.

**Aulonemia tremula** Renvoize, Gram. Bolivia 39, f. 3C. 1998. T-Protol.: Bolivia: La Paz: Nor Yungas, Chuspipata hacia Yolosa, *Beck 5361* [HT: LPB; IT: K].
DST.: Boli.
LVL. ACCPTC.: 2.

**Aulonemia trianae** (Munro) McClure, Smithsonian Contr. Bot. 9: 61. 1973. Basionym: *Arundinaria trianae* Munro
DST.: Colo.
LVL. ACCPTC.: 1.
SYN.: *Arundinaria multiflora* Döll; *Arundinaria trianae* Munro.

**Aulonemia ulei** (Hack.) McClure & L.B. Sm., Fl. Il. Catarin. Gram. Suppl. 57, t. 10, f. j-r. 1963. Basionym: *Arundinaria ulei* Hack.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Smith, Wasshausen & Klein (1981).
SYN.: *Arundinaria ulei* Hack.

**Aulonemia viscosa** (Hitchc.) McClure, Smithsonian Contr. Bot. 9: 61. 1973. Basionym: *Arundinaria viscosa* Hitchc.
DST.: CoRi, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Pohl (1980).
SYN.: *Arundinaria viscosa* Hitchc.

*Bambos arundinacea* Retz., Observ. Bot. 5: 24. 1789. T-Specim.: 1 of 1. India oriental, s. loc., *Herbarium Retzii s.n., right-hand side only (No. 2), H554/90* [LT: LD], LT designated by Xia & stapleton, Kew Bull. 52(3): 697 (1997).
= **Bambusa bambos** (L.) Voss

*Bambos stricta* Roxb., Pl. Coromandel 1: 59, t. 80. 1798.
= **Dendrocalamus strictus** (Roxb.) Nees

*Bambos tootsik* Siebold, Verh. Batav. Genootsch. Kunsten 5. 1827.
NOTE: nom. nud.
= **Sinobambusa tootsik** (Siebold ex Makino) Makino ex Nakai

**Bambusa** Schreb., Gen. Pl. 236. 1789. TYPE: *Bambusa arundinacea* (Retz.) Willd.
NOTE: nom. cons., *Bambos* Retz, 1788, nom. rej.
TRTD. BY: Soreng, R. J.
NHT: Bambusinae. SPP.: 22
CNSLTD LIT.: Young & Haun (1961); Geng & Wang (1996).
SYN.: *Arundarbor* Kuntze; *Ischurochloa* Büse; *Leleba* Nakai; *Lingnania* McClure.

*Bambusa aculeata* (Rupr. ex E. Fourn.) Hitchc., Contr. U.S. Natl. Herb. 17(3): 387. 1913. Basionym: *Guadua aculeata* Rupr. ex E. Fourn.
NOTE: as "*Bambos*" *aculeata*
= **Guadua aculeata** Rupr. ex E. Fourn.

*Bambusa albo-marginata* Makino, Bot. Mag. (Tokyo) 14(157): 31. 1900.
NOTE: nom. inval., as syn. of *Arundinaria albo-marginata* Makino
= **Sasa veitchii** (Carrière) Rehder

*Bambusa amplexifolia* (J. Presl) Schult. f., Syst. Veg. 7(2): 1348. 1830. Basionym: *Guadua amplexifolia* J. Presl
= **Guadua amplexifolia** J. Presl

*Bambusa angustifolia* Mitford, Bamb. Gard. 46: 547. 1894.
= **Pleioblastus angustifolius** (Mitford) Nakai

*Bambusa arundinacea* (Retz.) Willd., Sp. Pl. 2: 245. 1799. Basionym: *Bambos arundinacea* Retz.
= **Bambusa bambos** (L.) Voss

*Bambusa apus* Schult. & Schult. f., Syst. Veg. 7: 1353. 1830.
= **Gigantochloa apus** (Schult. & Schult. f.) Kurz

*Bambusa aspera* Schult. & Schult. f., Syst. Veg. 7(2): 1353. 1830. T-Protol.: In Amboina et Huamchela ad montium pedes.
= **Dendrocalamus asper** (Schult. & Schult. f.) Backer ex K. Heyne

*Bambusa aurea* hort. ex Rivière & C. Rivière, Bull. Soc. Natl. Acclim. France 3: 5: 716. 1878.
NOTE: nom. inval., as syn. of *Phyllostachys aurea* Rivière & C. Rivière
= **Phyllostachys aurea** Rivière & C. Rivière

*Bambusa baccifera* Roxb., Hort. Bengal. 25. 1814.
NOTE: validly published, see Robinson, in Phil. J. Sci. 7: 413-415 (1912)
= **Melocanna baccifera** (Roxb.) Kurz

**Bambusa balcooa** Roxb., Fl. Ind., ed. 1832 2: 196. 1832. T-Protol.: . a native of Bengal, . T-Specim.: 1 of 1. *Roxb. Icones 1402* [LT: K], LT designated by Stapleton, Edinb. J. Bot. 51: 12 (1994).
DST.: Pana.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Gibbs Russell et al. (1987).
SYN.: *Arundarbor balcooca* (Roxb.) Kuntze; *Dendrocalamus balcooa* (Roxb.) Voigt.

**Bambusa bambos** (L.) Voss, Vilm. Blumengaert. (ed. 3) 1: 1189. 1895. Basionym: *Arundo bambos* L.
DST.: Cari, CoRi, Guat, Guya, Hond, Nica, Pana, Suri.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Bailey & Bailey (1976); Davidse, Sousa & Chater (1994); Dransfield & Widjaja (1995); Hitchcock (1951); Judziewicz (1991a); Soderstrom & Ellis (1988); Xia & Stapleton (1997).
SYN.: *Arundarbor arundinacea* (Retz.) Kuntze; *Arundo bambos* L.; *Bambos arundinacea* Retz.; *Bambos bambos* (L.) Wight; *Bambusa arundinacea* (Retz.) Willd.; *Bambusa arundinacea* Retz.

*Bambusa barbata* Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 3,1(6): 627. 1835. T-Protol.: Hab. in sylvis provinc. Minarum Bras., *Anon.* T-Specim.: 1 of 1. Brazil, 1824 or 1829, *L. Riedel 520* [T: US-2809286, US-2809287].
= **Guadua tagoara** (Nees) Kunth

*Bambusa beecheyana* Munro, Trans. Linn. Soc. London 26(1): 108. 1868. T-Specim.: 1 of 3. China, *Beechey s.n.* [ST]. 2 of 3. China, *Staunton s.n.* [ST: BM]. 3 of 3. China: Quantung, Ookaia, in sylvis, *Tate s.n.* [ST].
NOTE: as Bambusa "Beecheyana"
= **Dendrocalamopsis beecheyana** (Munro) Keng f.

**Bambusa blumeana** Schult. & Schult. f., Syst. Veg. 7(2): 1343. 1830.
DST.: Braz.
LVL. ACCPTC.: 2; cultivated, introduced.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Dransfield (1992); Holttum (1958); Zarucchi, Funston, et alii. (ined.).

**Bambusa boniopsis** McClure, Lingnan Univ. Sci. Bull. 9: 7. 1940. T-Protol.: China: Hainan: Ling-shui Distr.: Chim Shan, Fan Maan Ts'uen and vicinity, 19 May 1932, *H. Fung 20237* [HT: US ]. T-Specim.: 1 of 1. China: Kwangtung, 3 May 1932 to 20 May 1932, *H. Fung 20237* [T: US-21380].
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).

*Bambusa breviflora* Munro, Trans. Linn. Soc. London 26(1): 96. 1868. T-Specim.: 1 of 2. Hab. in China, Formosa, Tamsuy, *Oldham 651* [ST]. 2 of 2. Lintao, *Cantor s.n.* [ST: K].
= **Bambusa tuldoides** Munro

**Bambusa burmanica** Gamble, Ann. Roy. Bot. Gard. (Calcutta) 7: 35-36, t. 33. 1896.
NOTE: also in Hook. f., Fl. Brit. Ind. 7: 388 (1896)
DST.: Pana.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Holttum (1958); Zarucchi, Funston, et alii. (ined.).

*Bambusa capitata* Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 3,1(6): 626. 1835. T-Protol.: Brasilia: Hab. in ripa flum. Pardo. T-Specim.: 1 of 1. In ripa rivi (Rio Pardo), Aug. 1826 [HT: LE], Schizostachyum capitatum Rupr. : fig.
= **Guadua capitata** (Trin.) Munro

*Bambusa castilloni* Marliac ex Carrière, Rev. Hort. 58: 513. 1886. T-Protol.: Japon.
= **Phyllostachys bambusoides** Siebold & Zucc.

*Bambusa chacoensis* Rojas, Bull. Acad. Int. Geogr. Bot. 26(4): 157, f. 1. 1918. T-Specim.: 1 of 1. Argentina: Chaco: Depto. Bermejo: General Vedia, riberas del Rio de Oro, 23 Jul 1974, *C.L. Quarin et al. 2384* [NT: CTES; INT: F, G, MO, US-2725768, US-2725767], NT designated by Londoño & Peterson, Novon 2: 41 (1992); the same collections also designated as NT by Young & Judd, Ann. Missouri Bot. Gard. 79: 763 (1992).
= **Guadua chacoensis** (Rojas) Londoño & P.M. Peterson

*Bambusa chino* Franch. & Sav., Enum. Pl. Jap. 2(2): 183, 607. 1879
NOTE: as nom. nud. in Enum. Pl. Jap. 2(1): 183. 1876.
= **Pleioblastus chino** (Franch. & Sav.) Makino

*Bambusa chusque* Poir., Encycl., Suppl. 5: 494. 1817.
= **Chusquea scandens** Kunth

**Bambusa dissemulator** McClure, Lingnan Sci. J. 19(3): 413-415, t. 20. 1940. T-Protol.: Collected from the living type (LU 19581) collected in Kwangtung, China, *H. Fung 19079* [HT: Lingnan Univ. Herb.].
DST.: Braz, Cari, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).

*Bambusa disticha* Mitford, Bamb. Gard. 46: 547. 1894.
NOTE: based on *Bambusa nana* hort., non *B. nana* Roxb.
= **Sasa pygmaea** var. **disticha** (Mitford) C.S. Chao & G.G. Tang

*Bambusa distorta* Nees, Linnaea 9(4): 470. 1834. T-Protol.: In Brasilia, *Sellow s.n.* [HT: B ]. T-Specim.: 1 of 2. Brazil, no date, *F. Sellow s.n.* [T: US-2809292]. 2 of 2. Brazil, no date, *F. Sellow s.n.* [HT: B(fragm., US-557556)].
= **Guadua tagoara** (Nees) Kunth

*Bambusa fastuosa* Lat-Marl. ex Mitford, Bamb. Gard. 46: 547. 1894.
NOTE: et Mitford, Bamboo Garden, 105, 1896
= **Semiarundinaria fastuosa** (Lat-Marl. ex Mitford) Makino ex Nakai

*Bambusa flexuosa* hort. ex Rivière & C. Rivière, Bull. Soc. Natl. Acclim. France 3: 5: 758. 1878.
NOTE: nom. inval., as syn. of *Phyllostachys flexuosa* A. Rivière & C. Rivière
= **Phyllostachys flexuosa** Rivière & C. Rivière

*Bambusa flexuosa* Carrière, Rev. Hort. 1870: 320. 1870.
NOTE: hom. illeg.
E. HOM.: *Bambusa flexuosa* Munro
CORRECT NAME: *Phyllostachys flexuosa* Rivière & C. Rivière
= **Phyllostachys flexuosa** Rivière & C. Rivière

**Bambusa flexuosa** Munro, Trans. Linn. Soc. London 26(1): 101. 1868. T-Specim.: 1 of 2. China: circa Canton, *Hance 10000* [ST: ?]. 2 of 2. China: Quantung, *G. Staunton s.n.* [ST: BM].
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Xia & Stapleton (1997); Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundarbor flexuosa* (Munro) Kuntze.

*Bambusa flexuosa* hort. ex Rivière & C. Rivière, Bull. Soc. Natl. Acclim. France 3: 5: 758. 1878.
NOTE: nom. inval., as syn. of *Phyllostachys flexuosa* A. Rivière & C. Rivière
= **Phyllostachys flexuosa** Rivière & C. Rivière

*Bambusa fortunei* Van Houtte, Cat. 81. 1879.
= **Sasa fortunei** (Van Houtte) Fiori

*Bambusa fragilis* Spruce ex Munro, Trans. Linn. Soc. London 26(1): 78. 1868.
NOTE: nom. inval., as syn. of *Guadua latifolia* Kunth
= **Guadua latifolia** (Bonpl.) Kunth

**Bambusa gibba** McClure, Lingnan Univ. Sci. Bull. 9: 10. 1940. T-Protol.: Cultivated from material collcted in China, Kiangsi, south of Kanchow, 16 Dec 1926, and established in the Lingnan University Bamboo Garden under BG 1669 (living type), *H. Fung 20709* [HT: Lingnan University Herbarium]. T-Specim.: 1 of 1. China: Kwangsi Chuang, 30 Sep 1933, *H. Fung 20709* [HT: Lingnan University Herbarium; IT: US-2802944; IT: US2802943, US-2802942; IT: US-2804298, US-2804299, US-2804300].

DST.: Ecua.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999); Zarucchi, Funston, et alii. (ined.).

*Bambusa gigantea* Wall. ex Munro, Trans. Linn. Soc. London 26: 150. 1868.
= **Dendrocalamus giganteus** Wall. ex Munro

*Bambusa glaucescens* (Willd.) Siebold ex Munro, Trans. Linn. Soc. London 26(1): 89. 1868. Basionym: *Ludolfia glaucescens* Willd.
NOTE: nom. inval., as syn. of *Bambusa nana* Roxb.
= **Bambusa multiplex** var. **multiplex**

*Bambusa glaucescens* (Willd.) Merr., Philipp. J. Sci. 7(4): 230. 1912. Basionym: *Ludolfia glaucescens* Willd.
= **Bambusa multiplex** (Lour.) Raeusch. ex Schult. & Schult. f.

*Bambusa glaziovii* Hack., Oesterr. Bot. Z. 53(5): 194. 1903. T-Protol.: Brasilia: Rio de Janeiro, *Glaziou 17450*. T-Specim.: 1 of 1. Brazil: Rio de Janeiro, no date, *A.F.M. Glaziou 17450* [HT: W; US-2809297, US-734826].
= **Guadua tagoara** (Nees) Kunth

*Bambusa glomerata* (Munro) McClure, Smithsonian Contr. Bot. 9: 66. 1973. Basionym: *Guadua glomerata* Munro
= **Guadua glomerata** Munro

*Bambusa guadua* Bonpl., Pl. Aequinoct. 1: 68, t. 20. 1808. T-Specim.: 1 of 1. Colombia:, no date, *A. Humboldt & A.J.A. Bonpland 2003* [LT: P-Bonpl.(fragm., US-79115); ILT: B(fragm., US), P], LT designated by Judziewicz, Fl. Guianas 187: 235 (1990); also by Young & Judd, Ann. Missouri Bot. Gard. 79: 761 (1992).
CORRECT NAME: *Guadua angustifolia* Kunth
= **Guadua angustifolia** Kunth

*Bambusa hermannii* E.G. Camus, Bambusees 36. 1913.
NOTE: nom. inval., as syn. of *Arundinaria macrosperma* Michx.
= **Arundinaria gigantea** subsp. **macrosperma** (Michx.) McClure

*Bambusa heterocycla* Carrière, Rev. Hort. 49: 354, f. 80. 1878.
= **Phyllostachys heterocycla** (Carrière) S. Matsum.

*Bambusa kumasaca* Zoll. ex Steud., Syn. Pl. Glumac. 1: 331. 1854 [Apr]. T-Protol.: Java, *Zollinger 29*.
= **Shibataea kumasaca** (Zoll. ex Steud.) Makino

*Bambusa levis* Blanco, Fl. Filip. 1: 272. 1837.
= **Gigantochloa levis** (Blanco) Merr.

*Bambusa longiflora* W.T. Lin, Bull. Bot. Lab. N.-E. Forest. Inst., Harbin 1980(6): 85, f. 1. 1980.
= **Bambusa tuldoides** Munro

*Bambusa latiflora* (Munro) Kurz, J. Asiat. Soc. Bengal 42(2): 250. 1873. Basionym: *Dendrocalamus latiflorus* Munro
NOTE: nom. inval., as syn. of *B. calestachya* S. Kurz.
= **Dendrocalamus latiflorus** Munro

*Bambusa latifolia* Bonpl., Pl. Aequinoct. 1: 73, t. 21. 1806. T-Protol.: Habitat in sylvis umbrosis et humidis fluvii Cassiquiare, *Humboldt & Bonpland s.n.* T-Specim.: 1 of 1. Venezuela: Amazonas: Río Casiquiare, no date, *A. Humboldt & A.J.A. Bonpland 1090* [HT: P(fragm., US-2809298); IT: P].
= **Guadua latifolia** (Bonpl.) Kunth

*Bambusa longifimbriata* (E.G. Camus) McClure, Smithsonian Contr. Bot. 9: 66. 1973. Basionym: *Guadua longifimbriata* E.G. Camus
= **Guadua tagoara** (Nees) Kunth

*Bambusa longifolia* (E. Fourn.) McClure, Smithsonian Contr. Bot. 9: 66. 1973. Basionym: *Arundinaria longifolia* E. Fourn.
= **Guadua longifolia** (E. Fourn.) R.W. Pohl

**Bambusa longispiculata** Gamble ex Brandis, Indian Trees 668. 1906. T-Protol.: India: Chittagong hill tracts, Ruby mines district, 3500 ft. T-Specim.: 1 of 1. India, *Anon.* [T: ?].
DST.: Cari, Colo, CoRi, Ecua, Esa, Guat, Hond, Pana, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Bailey & Bailey (1976); Berendsohn & Araniva de González (1991); Davidse, Sousa & Chater (1994); Jørgensen & León-Yánez (1999); McClure (1955); Molina R. (1975); Zarucchi, Funston, et alii. (ined.).

*Bambusa macrostachya* (Rupr.) McClure, Smithsonian Contr. Bot. 9: 68. 1973. Basionym: *Guadua macrostachya* Rupr.
= **Guadua macrostachya** Rupr.

*Bambusa maculosa* Hack., Oesterr. Bot. Z. 53(5): 196. 1903. T-Protol.: Brasilia: in provincia Goyaz, *Glaziou 22425*. T-Specim.: 1 of 1. Brazil: Goiás, no date, *A.F.M. Glaziou 22425* [IT: W; IT: US-1163024, US-2809340].
= **Guadua maculosa** (Hack.) E.G. Camus

**Bambusa malingensis** McClure, Lingnan Univ. Sci. Bull. 9: 11. 1940. T-Protol.: Cultivated from material collected in China, Hainan, Yai Distr., Kwok Ts'uen, and established in the Lingnan University Bamboo Garden under BG2653 (living type), *H. Fung 20986* [HT: Lingnan University Herbarium]. T-Specim.: 1 of 1. China: Kwangtung: Hainan Island, 30 Oct 1936, *H. Fung 20986* [HT: Lingnan University Herbarium; IT: US-2801980, US-28002948].
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).

*Bambusa marmorea* Mitford, Bamb. Gard. 46: 547. 1894.
= **Chimonobambusa marmorea** (Mitford) Makino

**Bambusa multiplex** (Lour.) Raeusch. ex Schult. & Schult. f., Syst. Veg. 7(2): 1350. 1830. Basionym: *Arundo multiplex* Lour.
DST.: Arge, Braz, Cari, CoRi, Ecua, ElSa, Guat, Mexi, Pana, Peru, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Berendsohn & Araniva de González (1991); Czerepanov (1981); Dransfield & Widjaja (1995); Dransfield (1992); Hitchcock (1951); Jørgensen & León-Yánez (1999); Judziewicz (1991a); McClure (1955); Soderstrom & Ellis (1988); Wunderlin (1998); Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundarbor multiplex* (Lour.) Kuntze; *Arundarbor nana* (Roxb.) Kuntze; *Arundinaria glaucescens* (Willd.) P. Beauv.; *Arundo multiplex* Lour.; *Bambusa glaucescens* (Willd.) Merr.; *Bambusa nana* Roxb.; *Leleba multiplex* (Lour.) Nakai; *Ludolfia glaucescens* Willd.; *Ludolphia glaucescens* Willd.

*Bambusa munroi* Hack., Repert. Spec. Nov. Regni Veg. 7(149-151): 374. 1909.
REPLACED NAME: *Guadua paniculata* Munro
= **Guadua paniculata** Munro

**Bambusa mutabilis** McClure, Lingnan Univ. Sci. Bull. 9: 12. 1940. T-Protol.: China: Hainan: Ling-shui distr., Koo K'ei Chau (Island) off T'ang K'iu, 27 May 1932, *H. Fung 20248* [HT: Lingnan University Herbarium]. T-Specim.: 1 of 1. China: Kwangtung, 27 May 1932, *H. Fung 20248* [HT: Lingnan University Herbarium; IT: US-21391(fragm.)].
DST.: Cari, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).

*Bambusa nana* Roxb., Fl. Ind., ed. 1832 2: 199. 1832. T-Protol.: Keu-fa, of the Chinese; a native of their country, and now plentiful in the Botanic Graden at Calcutta .
= **Bambusa multiplex** (Lour.) Raeusch. ex Schult. & Schult. f.

*Bambusa nigra* Lodd. ex Lindl., 3: 357. 1835.
= **Phyllostachys nigra** (Lodd. ex Lindl.) Munro

*Bambusa oldhamii* Munro, Trans. Linn. Soc. London 26(1): 109. 1868. T-Protol.: Hab. in China, Formosa, Tamsuy, *Oldham 648*.
= **Dendrocalamopsis oldhamii** (Munro) Keng f.

**Bambusa oliveriana** Gamble, Ann. Roy. Bot. Gard. (Calcutta) 7: 130. 1896.
NOTE: also in Hook., Fl. Brit. Ind. 7: 392 (1896)
DST.: USA.
LVL. ACCPTC.: 2; cultivated, introduced.

*Bambusa pallescens* (Döll) Hack., Repert. Spec. Nov. Regni Veg. 6(113-118): 69. 1908. Basionym: *Guadua pallescens* Döll
= **Bambusa tuldoides** Munro

*Bambusa palmata* hort. ex Burb., Gard. Chron., ser. 3, 7: 641. 1890. T-Protol.: . sent to us under the above name by M. Marliac, the well known specialist of Temple-sur-Lot, France .
= **Sasa palmata** (hort. ex Burb.) Nakai

*Bambusa palmata* Marliac ex N.E. Br., J. Jap. Bot. 10: 561. 1934.
NOTE: nom. inval., as syn. of Bambusa veitchii
= **Sasa palmata** (hort. ex Burb.) E.G. Camus

*Bambusa paniculata* (Munro) Hack., Oesterr. Bot. Z. 53: 195. 1903. Basionym: *Guadua paniculata* Munro
= **Guadua paniculata** Munro

*Bambusa paraguayana* (Döll) Bertoni, Anales Ci. Parag., ser. 2, 2: 159. 1918. Basionym: *Guadua paraguayana* Döll
= **Guadua paraguayana** Döll

*Bambusa parviflora* (J. Presl) Schult. & Schult. f., Syst. Veg. 7(2): 1350. 1830. Basionym: *Guadua parviflora* J. Presl
= **Aulonemia parviflora** (J. Presl) McClure

**Bambusa pervariabilis** McClure, Lingnan Univ. Sci. Bull. 9: 13. 1940. T-Protol.: Cultivated from material collected in China, Kwangtung, P'an-yu Distr., Honam Island, cultivated at T'in Ha Village, and established in the Lingnan University Bamboo Garden under BG 1226, *H. Fung s.n.* [HT: Lingnan University Herbarium-19542]. T-Specim.: 1 of 1. China: Kwangtung, *H. Fung BG 1226* [T: US-195542(fragm.)].
NOTE: hybr.?
DST.: Cari, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).

**Bambusa polymorpha** Munro, Trans. Linn. Soc. London 26(1): 98. 1868. T-Specim.: 1 of 2. Hab. in India or. Martaban, Pegu, *Brandis 1* [ST]. 2 of 2. Rangoon, *McClelland s.n.* [ST].
DST.: Cari, Ecua, Pana, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Jørgensen & León-Yánez (1999); Molina R. (1975); Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundarbor polymorpha* (Munro) Kuntze.

*Bambusa puberula* Miq., Ann. Mus. Bot. Lugduno-Batavum 2: 285. 1866.
= **Phyllostachys nigra** (Lodd. ex Lindl.) Munro

*Bambusa pubescens* Carrière, Rev. Hort. 48: 22. 1876.
= **Phyllostachys heterocycla** (Carrière) S. Matsum.

*Bambusa pubescens* Döll, Fl. Bras. 2(3): 189, t. 51. 1880. T-Protol.: Brazil, *Gaudichaud 97* [P ].
NOTE: hom. illeg.
E. HOM.: *Bambusa pubescens* Carrière
= **Merostachys pluriflora** Munro ex E.G. Camus

*Bambusa quadrangularis* Franceschi, Arbor. Amaz. 5: 401. 1880.
= **Chimonobambusa quadrangularis** (Franceschi) Makino

*Bambusa refracta* (Munro) McClure, Smithsonian Contr. Bot. 9: 68. 1973. Basionym: *Guadua refracta* Munro
= **Guadua refracta** Munro

*Bambusa ribbentropii* Herter, Revista Sudamer. Bot. 6(5-6): 148. 1940.
= **Guadua trinii** (Nees) Nees ex Rupr.

*Bambusa riograndensis* Dutra, 7: . 1903. T-Protol.: Brazil: Rio Grande, São Leopoldo, *J. Dutra 419*. T-Specim.: 1 of 1. Brazil: Rio Grande, São Leopoldo, Aug, *J. Dutra 419* [HT: ? (fragm. US-1723530). IT:SI,US-1388840].
= **Guadua trinii** (Nees) Nees ex Rupr.

*Bambusa riograndensis* Dutra, Revista Sudamer. Bot. 5(5-6): 147, f. 1. 1938. T-Protol.: Brazil: Rio Grande, São Leopoldo, *Dutra 419*. T-Specim.: 1 of 1. Brazil: Rio Grande do Sul, Aug, *J. Dutra 419* [HT: ?(fragm., US-1723530); IT: SI, US-1388840].
NOTE: isonym, emmendation of same in Revista Agric. Rio Grande 7: (1903)
= **Guadua trinii** (Nees) Nees ex Rupr.

**Bambusa rutila** McClure, Lingnan Sci. J. 19(4): 533-535, t. 36. 1940. T-Protol.: Collected at Shiu-chow, Kwangtung, Kuh-hing Distr., 21 Jan 1926 and established in the Lingnan University Bamboo Garden under BG 1476 (living type), from which the type was collected, *H. Fung 20706* [HT: Lingnan Univ. Herb.]. T-Specim.: 1 of 1. China: Kwangtung, 10 Sep 1933, *H.L. Fung 20706 (BG 1476)* [HT: US-2802952, US-1815841(fragm.)].
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).

*Bambusa senanensis* Franch. & Sav., Enum. Pl. Jap. 2: 182, 606. 1879. T-Specim.: 1 of 2. Japan: prov. Senane, montis Ontake, *Savatier 3773* [ST]. 2 of 2. Japan: prov. Senane, montis Ontake, *Savatier 3641* [ST].
= **Sasa senanensis** (Franch. & Sav.) Rehder

*Bambusa sieberi* Griseb., Fl. Brit. W. I. 528. 1864.
= **Bambusa vulgaris** Schrad. ex J.C. Wendl.

*Bambusa simonii* Carrière, Rev. Hort. 37: 380. 1866. T-Protol.: Cette espèce a été envoyée de Chine, *E. Simon s.n.* T-Specim.: 1 of 1. China, 1862, *Simon s.n.* [T: P].
= **Pleioblastus simonii** (Carrière) Nakai

**Bambusa sinospinosa** McClure, Lingnan Sci. J. 19(3): 411, t. 19. 1940. T-Protol.: Collected from the living type (BG 1149) grown in the Lingnan Univ. Bamboo Garden, originally from Chuk Liu village, Pan-yu Distr., Kwangtung China, *H. Fung 20733* [HT: Lingnan Univ. Herb.]. T-Specim.: 1 of 1. China: Kwangtung, Meu-Ming Dist., 11 Apr 1934, *H.L. Fung 20773 (BG 1149-A22)* [IT: US-33419, US-2802954].
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: McClure (1973); Zarucchi, Funston, et alii. (ined.).

*Bambusa spinosissima* Hack., Oesterr. Bot. Z. 53(5): 197. 1903. T-Protol.: Brasilia, in provincia Santa Catharina, prope Blumenau, *Ule 878*. T-Specim.: 1 of 1. Brazil: Santa Catarina, Jul 1888, *E. Ule 878* [HT: W; IT: US-822345].
= **Guadua tagoara** (Nees) Kunth

*Bambusa stricta* (Roxb.) Roxb., Fl. Ind., ed. 1832 2: 193. 1832. Basionym: *Bambos stricta* Roxb.
= **Dendrocalamus strictus** (Roxb.) Nees

*Bambusa sulphurea* Carrière, Rev. Hort. 45: 379. 1873.
NOTE: as "sulfurea"
= **Phyllostachys sulphurea** (Carrière) Rivière & C. Rivière

*Bambusa superba* (Huber) McClure, Smithsonian Contr. Bot. 9: 68. 1973. Basionym: *Guadua superba* Huber
= **Guadua superba** Huber

*Bambusa surinamensis* Rupr., Bambuseae 49, t. 11, f. 49. 1839. T-Protol.: Surinam, *Weigelt s.n.* T-Specim.: 1 of 1. Surinam, 1827-1828, *Weigelt s.n.* [HT: LE; IT: BM, L, W].
= **Bambusa vulgaris** Schrad. ex J.C. Wendl.

*Bambusa swalleniana* McClure, Smithsonian Contr. Bot. 9: 68. 1973.
REPLACED NAME: *Guadua spinosa* (Swallen) McClure.
BLOCKING NAME: *Bambusa spinosa* Roxb.
= **Guadua longifolia** (E. Fourn.) R.W. Pohl

*Bambusa tacuara* Arechav., Anales Mus. Nac. Montevideo 1(6): 550, t. 72-73. 1897. T-Protol.: Uruguay: el Cerro de la ceniza. Dept. Tacuarembó, Octubre, *D. Pantaleón Pintos s.n.*
= **Guadua trinii** (Nees) Nees ex Rupr.

*Bambusa tagoara* Nees, Fl. Bras. Enum. Pl. 2: 532. 1829. T-Protol.: Brasilia: habitat in sylvis altitudine: 1800 ped in adscensu montis, Serra do mar dicti, euntibus versus Guarantingueta, provinciae S. Pauli, *Martius s.n.* [HT: BR ].
= **Guadua tagoara** (Nees) Kunth

*Bambusa tessellata* Munro, Trans. Linn. Soc. London 26(1): 110. 1868. T-Protol.: Hab. in China, *Anon.*, from dried leaves sewn together for packing tea.
= **Indocalamus tessellatus** (Munro) Keng f.

*Bambusa tessmannii* (Pilg.) McClure, Smithsonian Contr. Bot. 9: 68. 1973. Basionym: *Guadua tessmannii* Pilg.
= **Guadua superba** Huber

**Bambusa textilis** McClure, Lingnan Univ. Sci. Bull. 9: 14. 1940. T-Protol.: China: Kwangsi Ts'ang–wu Distr.:

near Wuchow, 18 Dec 1928, *Tang & Fung [LU-19162]* [HT: Lingnan University Herbarium]. T-Specim.: 1 of 1. China: Kwangsi Chuang, 18 Dec 1928, *S.P. Tang & H.L. Fung 42* [HT: Lingnan University Herbarium; IT: US-19162].

DST.: Cari, Colo, CoRi, ElSa, Guat, USA.

LVL. ACCPTC.: 1; cultivated, introduced.

ALSO ACCPTD BY: Bailey & Bailey (1976); Berendsohn & Araniva de González (1991); McClure (1955); Molina R. (1975); Zarucchi, Funston, et alii. (ined.).

*Bambusa thouarsii* Kunth, Revis. Gramin. 2: 323, t. 73-74. 1830. T-Protol.: In insulis Madagascariae et Borboniae.

= **Bambusa vulgaris** Schrad. ex J.C. Wendl.

*Bambusa tomentosa* (Hack. & Lindm.) McClure, Smithsonian Contr. Bot. 9: 68. 1973. Basionym: *Guadua tomentosa* Hack. & Lindm.

= **Guadua trinii** (Nees) Nees ex Rupr.

*Bambusa trinii* Nees, Linnaea 9(4): 469. 1834. T-Protol.: In Brasilia, *Sellow s.n.* [HT: B ]. T-Specim.: 1 of 1. Brasilia, *F. Sellow s.n.* [HT: B(fragm., US-2809333, US-1021631); IT: LE].

= **Guadua trinii** (Nees) Nees ex Rupr.

**Bambusa tulda** Roxb., Fl. Ind., ed. 1832 2: 193. 1832. T-Protol.: . the common bamboo of Bengal, where it grows in the greatest abundance every where. T-Specim.: 1 of 1. *Roxb. Icones 1403* [LT: K; ILT: E], LT designated by Stapleton, Edin. J. Bot. 51: 19 (1994).

DST.: Arge, Braz, Cana, Cari, Colo, CoRi, Ecua, Guat, USA.

LVL. ACCPTC.: 1; cultivated, introduced.

ALSO ACCPTD BY: Bailey & Bailey (1976); Dransfield & Widjaja (1995); Jørgensen & León-Yánez (1999); McClure (1955); Zarucchi, Funston, et alii. (ined.).

SYN.: *Dendrocalamus tulda* (Roxb.) Voigt.

**Bambusa tuldoides** Munro, Trans. Linn. Soc. London 26(1): 93. 1868. T-Specim.: 1 of 4. Hong Kong, *Hance 3657* [ST: BM]. 2 of 4. Hongkong, *Hance 7486* [ST]. 3 of 4. China: Canton, *Millett s.n.* [ST]. 4 of 4. Formosa, *Oldham 652* [ST].

DST.: Arge, Braz, Cana, Cari, Colo, CoRi, ElSa, Guat, Hond, Mexi, USA, Urug, Vene.

LVL. ACCPTC.: 1; cultivated, introduced.

ALSO ACCPTD BY: Bailey & Bailey (1976); Berendsohn & Araniva de González (1991); Burkart (1969); Dransfield & Widjaja (1995); Dransfield (1992); Jørgensen & León-Yánez (1999); McClure (1955); Molina R. (1975); Rosengurtt, Arrillaga de Maffei & Izaguirre de Artuco (1970); Smith, Wasshausen & Klein (1981); Zarucchi, Funston, et alii. (ined.).

SYN.: *Bambusa breviflora* Munro; *Bambusa longiflora* W.T. Lin; *Bambusa pallescens* (Döll) Hack.; *Guadua pallescens* Döll; *Leleba tuldoides* (Munro) Nakai.

*Bambusa veitchii* Carrière, Rev. Hort. 90. 1888.

NOTE: vol.? also in Gard. Chron. 1: 332 (1888); priority undetermined

= **Sasa veitchii** (Carrière) Rehder

*Bambusa venezuelae* (Munro) McClure, Smithsonian Contr. Bot. 9: 68. 1973. Basionym: *Guadua venezuelae* Munro

= **Guadua venezuelae** Munro

**Bambusa ventricosa** McClure, Lingnan Sci. J. 17(1): 5, f. 17-62, t. 5. 1938. T-Protol.: Specimen secured from a commercial garden in Fati, Canton, and grown under pot culture in the Lignan University Bamboo Garden (accession 2651), *F.A. McClure 20677* [HT: Lingnan Natural History Survey and Museum]. T-Specim.: 1 of 1. China: Kwangtung, 15 Nov 1937, *F.A. McClure 20667* [IT: US-45608].

DST.: Cari, ElSa, Guat, Hond, USA.

LVL. ACCPTC.: 2; cultivated, introduced.

ALSO ACCPTD BY: Bailey & Bailey (1976); Berendsohn & Araniva de González (1991); Holttum (1958); McClure (1955); Molina R. (1975); Zarucchi, Funston, et alii. (ined.).

SYN.: *Leleba ventricosa* (McClure) W.C. Lin.

*Bambusa virgata* Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 3,1(6): 624. 1835. T-Protol.: Brasilia: Hab. in sylvis montis Geralde prov. Minarum Bras., [S.E. of Viscosa]. T-Specim.: 1 of 1. Brazil: in sylvis montosis Serra da Geralda, *L. Riedel* [HT: LE; IT: US-2809332].

= **Guadua virgata** (Trin.) Rupr.

*Bambusa viridi-glaucescens* Carrière, Rev. Hort. 40[41]: 293. 1869. T-Protol.: Cult. France, type of *Phyllostachys viridi-glaucescens* A. & C. Rivière.

NOTE: nom. nud., name is mentioned only in comparison to two other, explicitly described species of *Bambusa*

= **Phyllostachys viridi-glaucescens** Rivière & C. Rivière

*Bambusa viridi-striata* Siebold ex André, Ill. Hort. 19: 319. 1872.

= **Pleioblastus viridi-striatus** (Siebold ex André) Makino

*Bambusa verticillata* Willd., Sp. Pl. 2: 245. 1799. T-Protol.: Habitat in India.

= **Gigantochloa verticillata** (Willd.) Munro

**Bambusa vulgaris** Schrad. ex J.C. Wendl., Coll. Pl. 2: 26, t. 47. 1808. T-Specim.: 1 of 1. India: cultivated [T].

DST.: Arge, Braz, Cari, Colo, CoRi, Ecua, ElSa, FrGu, Guat, Guya, Hond, Mexi, Nica, Pana, Peru, Suri, USA, Vene.

LVL. ACCPTC.: 1; cultivated, introduced.

ALSO ACCPTD BY: Adams (1972); Bailey & Bailey (1976); Beetle (1977); Beetle (1987); Berendsohn & Araniva de González (1991); Breedlove (1986); Davidse, Sousa & Chater (1994); Döll (1880); Dransfield & Widjaja (1995); Dransfield (1992); Filgueiras (1991); Gould (1979); Hitchcock (1936); Hitchcock (1951); Holttum (1958); Holttum (1967); Jørgensen & León-Yánez (1999); Judziewicz (1991a); Liogier & Martorell (1982); Long & Lakela (1971); McClure (1955); Molina R. (1975); ORSTOM

(1988); Pohl (1980); Renner, Balslev & Holm-Nielsen (1990); Smith, Wasshausen & Klein (1981); Soderstrom & Ellis (1988); Tovar (1993); Wunderlin (1998); Xia & Stapleton (1997); Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa sieberi* Griseb.; *Bambusa surinamensis* Rupr.; *Bambusa thouarsii* Kunth; *Bambusa vulgaris* var. *aureovariegata* Beedle; *Bambusa vulgaris* var. *vittata* Rivière & C. Rivière; *Leleba vulgaris* (Schrad. ex J.C. Wendl.) Nakai.

*Bambusa vulgaris* var. *aureovariegata* Beedle, Stand. Cycl. Hort. 1: 448. 1914.
= **Bambusa vulgaris** Schrad. ex J.C. Wendl.

*Bambusa vulgaris* var. *vittata* Rivière & C. Rivière, Bull. Soc. Natl. Acclim. France 5: 640. 1878.
= **Bambusa vulgaris** Schrad. ex J.C. Wendl.

*Bambusa weberbaueri* (Pilg.) McClure, Smithsonian Contr. Bot. 9: 68. 1973. Basionym: *Guadua weberbaueri* Pilg.
= **Guadua weberbaueri** Pilg.

*Bambusa* subg. *Dendrocalamopsis* L.C. Chia & H.L. Fung, Acta Phytotax. Sin. 18(2): 214. 1980. TYPE: *Bambusa oldhamii* Munro
= **Dendrocalamopsis** (L.C. Chia & H.L. Fung) Keng f.

*Bambusa* sect. *Guadua* (Kunth) Hack., Nat. Pflanzenfam. 2(2): 95. 1887. Basionym: *Guadua* Kunth
= **Guadua** Kunth

*Bambusa* subg. *Guadua* (Kunth) Hack., Oesterr. Bot. Z. 53: 194. 1903. Basionym: *Guadua* Kunth
= **Guadua** Kunth

*Bambuseae* fam. Bercht. & J. Presl, Prir. Rostlin 265. 1820. TYPE: *Bambusa* Schreb.
NOTE: nom. inval., Art. 33.5, a as *"Bambusaceae"*

**Bambuseae** trib. Dumort., Anal. Fam. Pl. 63. 1829. TYPE: *Bambusa* Schreb.
TRTD. BY: The authors.
NHT: Bambusoideae.
SYN.: trib. *Arthrostylideae* E. G. Camus; trib. *Arundinarieae* Asch. & Graebn.; trib. *Baccifereae* E.G. Camus; trib. *Chusqueeae* E.G. Camus; trib. *Hickelieae* A. Camus; trib. *Shibataeeae* Nakai.

**Bambusinae** subtrib. J. Presl, Reliq. Haenk. 1(4-5): 256. 1830. TYPE: *Bambusa* Schreb.
NOTE: as *"Bambusaceae"*
TRTD. BY: The authors.
NHT: Bambuseae.
SYN.: subtrib. *Dendrocalaminae* Benth.; subtrib. *Hickeliinae* A. Camus; subtrib. *Pseudocoicinae* A. Camus.

**Bambusoideae** subfam. Luerss., Grundz. Bot. 451. 1893. TYPE: *Bambusa* Schreb.
TRTD. BY: The authors.
SYN.: subfam. *Olyroideae* Pilg.; subfam. *Parianoideae* (Nakai) Butzin.

*Beesha* Kunth, J. Phys. Chim. Hist. Nat. Arts 95: 151. 1822.
NOTE: nom. illeg. superfl.
= **Melocanna** Trin.

*Beesha* Munro, Trans. Linn. Soc. London 26: 144. 1868.
NOTE: nom. illeg. superfl. et hom.
= **Ochlandra** Thwaites

*Beesha travancorica* Bedd., Fl. Sylv. S. India 239, t. 234. 1873. T-Protol.: Most abundant on the south Travancore and South Tinnevelly mountains, 3000-5000 ft.
= **Ochlandra travancorica** (Bedd.) Benth. ex Gamble

*Blepharochloa* Endl., Gen. Pl. 1352. 1840. TYPE: *Blepharochloa ciliata* Endl. ex B.D. Jacks.
= **Leersia** Sol. ex Sw.

*Brasilocalamus* Nakai, J. Jap. Bot. 9(1): 10. 1933. TYPE: *Brasilocalamus pubescens* Nakai
= **Merostachys** Spreng.

*Brasilocalamus pubescens* Nakai, J. Jap. Bot. 9(1): 10. 1933.
REPLACED NAME: *Bambusa pubescens* Döll.
BLOCKING NAME: *Bambusa pubescens* Carrière
= **Merostachys pluriflora** Munro ex E.G. Camus

*Buergersiochloeae* trib. S.T. Blake, Blumea 3: 62. 1946. TYPE: *Buergersiochloa* Pilg.
= **Olyreae** trib. Spenn.

*Bulbulus* Swallen, Phytologia 11(3): 154. 1964. TYPE: *Bulbulus nervatus* Swallen
NOTE: nom. inval., ICBN Art. 20.2, coincident with technical term
= **Rehia** Fijten

*Bulbulus nervatus* Swallen, Phytologia 11(3): 154. 1964. T-Protol.: Brazil: Maranhão: in high sandy forest from Caixas to Barra do Corda, 18-26 Feb 1934, *J. R. Swallen 3552* [HT: US-1612746 ]. T-Specim.: 1 of 1. Brazil: Maranhão, 18 Feb 1934 to 26 Feb 1934, *J.R. Swallen 3552* [HT: US-1612746; IT: US-1612746].
NOTE: nom. inval., generic name not validly published
= **Rehia nervata** Fijten

*Calamagrostis farcta* J.F. Gmel., Syst. Nat. 2: 172. 1791.
NOTE: "*C. tenuis scandens* Aubl. pl. guj. an hujus generis?" cited by Gmelin
= **Arthrostylidium farctum** (Aubl.) Soderstr. & Lourteig

*Caryochloa* Trin., Gram. Panic. 54, 248. 1826. TYPE: *Caryochloa brasiliensis* Trin.
= **Luziola** Juss.

*Caryochloa bahiensis* Steud., Syn. Pl. Glumac. 1: 5. 1853. T-Protol.: Brasil: Bahia, *Salzmann s.n.* T-Specim.: 1 of 1. Brazil: Bahia, no date, *P. Salzmann s.n.* [HT: P(fragm., US-80336); IT: MO].

= **Luziola bahiensis** (Steud.) Hitchc.

*Caryochloa brasiliensis* Trin., Gram. Panic. 248. 1826. T-Protol.: Brazil: V. spp. Brasil., *Langsdorff s.n.*
= **Luziola brasiliensis** (Trin.) Swallen

## Cephalostachyum

Munro, Trans. Linn. Soc. London 26(1): 138. 1868. TYPE: *Cephalostachyum capitatum* Munro; LT designated by McClure, Taxon 6(7): 201 (1957)
TRTD. BY: Soreng, R. J.
NHT: Melocanninae. SPP.: 1
CNSLTD LIT.: Young & Haun (1961); Geng & Wang (1996).

**Cephalostachyum pergracile** Munro, Trans. Linn. Soc. London 26(1): 141. 1868. T-Specim.: 1 of 2. Burma: Rangoon, *J.E. McClelland s.n.* [T: US-2809345]. 2 of 2. Pegu, *Brandis s.n.* [ST].
DST.: Cari, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Zarucchi, Funston, et alii. (ined.).
SYN.: *Schizostachyum pergracile* (Munro) R. B. Majumdar.

*Ceratochaete* Lunell, Amer. Midl. Naturalist 4: 214. 1915. TYPE: *Ceratochaete aquatica* (L.) Lunell
NOTE: nom. illeg. superfl.
= **Zizania** L.

*Ceratochaete aquatica* (L.) Lunell, Amer. Midl. Naturalist 4: 214. 1915. Basionym: *Zizania aquatica* L.
= **Zizania aquatica** var. **aquatica**

## Chimonobambusa

Makino, Bot. Mag. (Tokyo) 28(329): 153. 1914. TYPE: *Chimonobambusa marmorea* (Mitford) Makino; LT designated by McClure, Taxon 6(7): 201-202 (1957)
TRTD. BY: Soreng, R. J.
NHT: Arundinariinae. SPP.: 2
CNSLTD LIT.: Young & Haun (1961); Geng & Wang (1996).
SYN.: *Oreocalamus* Keng.

*Chimonobambusa falcata* (Nees) Nakai, J. Arnold Arbor. 6(3): 151. 1925. Basionym: *Arundinaria falcata* Nees
= **Sinarundinaria falcata** (Nees) C.S. Chao & Renvoize

*Chimonobambusa hookeriana* (Munro) Nakai, J. Arnold Arbor. 6(3): 151. 1925. Basionym: *Arundinaria hookeriana* Munro
= **Sinarundinaria hookeriana** (Munro) C.S. Chao & Renvoize

**Chimonobambusa marmorea** (Mitford) Makino, Bot. Mag. (Tokyo) 28(329): 154. 1914. Basionym: *Bambusa marmorea* Mitford
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundinaria marmorea* (Mitford) Makino.

**Chimonobambusa quadrangularis** (Franceschi) Makino, Bot. Mag. (Tokyo) 28(329): 153. 1914. Basionym: *Bambusa quadrangularis* Franceschi
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Berendsohn & Araniva de González (1991); Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundinaria quadrangularis* (Franceschi) Makino; *Bambusa quadrangularis* Franceschi; *Phyllostachys quadrangularis* (Franceschi) Rendle; *Tetragonocalamus quadrangularis* (Franceschi) Nakai.

## Chusquea

Kunth, J. Phys. Chim. Hist. Nat. Arts 95: 151. 1822. TYPE: *Chusquea scandens* Kunth
TRTD. BY: Clark, L. G.
NHT: Chusqueinae. SPP.: 137
CNSLTD LIT.: Clark (1985); Clark (1986); Clark (1987a); Clark (1987b); Clark (1989); Clark (1990); Clark (1992); Clark (1993); Clark (1996a); Clark, Davidse & Ellis (1989); Clark, Cortés, and M. Cházaro B. (1997); Clark & Londoño (1991b); Widmer & Clark (1991); Soderstrom & Calderón (1978a); Soderstrom & Calderón (1978b).
SYN.: *Coliquea* Steud. ex Bibra; *Dendragrostis* Nees ex B.D. Jacks.; *Mustelia* Cav. ex Steud.; *Rettbergia* Raddi; *Swallenochloa* McClure.

**Chusquea abietifolia** Griseb., Fl. Brit. W. I. 529. 1864. T-Protol.: Hab. Jamaica, *Wilson s.n.* T-Specim.: 1 of 1. Jamaica, *N. Wilson s.n.* [T: US-2874611(fragm.)].
DST.: Cari.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Adams (1972); Hitchcock (1936); Liogier & Martorell (1982); McClure (1973); Molina R. (1975).
SYN.: *Arundinaria microclada* Pilg.

**Chusquea acuminata** Döll, Fl. Bras. 2(3): 204. 1880. T-Protol.: Habitat in Brasilia, *Warming s.n.* T-Specim.: 1 of 1. Brazil:, *J.E.B. Warming s.n.* [HT: C(fragm., US-2874612)].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973).

*Chusquea affinis* Munro ex Camus, Bambusees 1: 80, t. 60, f. B. 1913. T-Protol.: Brésil: Minas Geraes, *A. Saint-Hilaire 1010*. T-Specim.: 1 of 1. Brazil: Minas Gerais, no date, *A. St. Hilaire 1010* [HT. P; IT: US-2874613].
= **Chusquea ramosissima** Lindm.

**Chusquea albilanata** L.G. Clark & Londoño, Nordic J. Bot. 11(3): 323. 1991. T-Protol.: Ecuador: Pinchincha: 6 km E of Chiriboga on the old Quito-Santo Domingo road, 2020 m, 18 Dec 1979, *Young, S.M. 45* [HT: US; IT: QCA ]. T-Specim.: 1 of 1. Ecuador: Pichincha: 2020 m, 18 Dec 1979, *S. M. Young 45* [HT: US-2947396, US-2947395; IT. QCA], .

DST.: Colo, Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

**Chusquea amistadensis** L.G. Clark, Davidse & R.P. Ellis, Natl. Geogr. Res. 5(4): 462, f. 1, 2Aa, 3-4, 5Bottom, 6C, 7C, 8C. 1989. T-Protol.: Panama: Bocas del Toro: Cordillera de Talamanca, 2 airline km NW of the main peak of Cerro Fábrega along the NW ridge of the massif, 3150-3200 m, 7-8 Mar 1984, *Davidse, L. D. Gómez, G. Herrera, C. R. Chacón & I. Chacón 25332* [HT: MO; IT: CR, ISC ]. T-Specim.: 1 of 1. Panama: Bocas del Toro, 7 Mar 1984 to 8 Mar 1984, *G. Davidse, L.D. Gomez, G. Herrera, C.R. Chacón & I. Chacón, A. Chacon 25332* [HT: MO; IT: CR, US-3180842, US-3180843].
DST.: CoRi, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994).

*Chusquea amplopaniculata* Steud., Syn. Pl. Glumac. 1: 337. 1854.
= **Dinochloa scandens** (Blume) Kuntze

**Chusquea andina** Phil., Linnaea 29(1): 103. 1858. T-Protol.: Chile: in Andibus depart. Cillan ad limitem nivis perpetuae occurit. T-Specim.: 1 of 1. Chile:, *R.A. Philippi 521* [T: US-556439(fragm.)].
DST.: Chil.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973).

**Chusquea anelythra** Nees, Linnaea 9(4): 491. 1835. T-Protol.: In Brasilia, *Sellow s.n.* [HT: B ]. T-Specim.: 1 of 1. Brazil, *F. Sellow 1248* [HT: B; IT: LE, US-2874614, US-551551].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973); Smith, Wasshausen & Klein (1981).
SYN.: *Dendragrostis anelytra* Nees ex Munro.

**Chusquea anelytroides** Rupr. ex Döll, Fl. Bras. 2(3): 206. 1880. T-Specim.: 1 of 2. Brasilia: prov. St. Pauli, pr. Lorena, in collibus siccis, 1833, *Riedl 1633* [ST: LE-TRIN-3192.01; IT: US-2874616, US-2874615]. 2 of 2. Brazil: in Serra do Itaguahy, *Lund 1833* [ST].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973); Renvoize (1988).

**Chusquea angustifolia** (Soderstr. & C.E. Calderón) L.G. Clark, Ann. Missouri Bot. Gard. 74(2): 428. 1987. Basionym: *Swallenochloa angustifolia* Soderstr. & C.E. Calderón
DST.: Colo, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Breedlove (1986); Clark (1989).
SYN.: *Swallenochloa angustifolia* Soderstr. & C. E. Calderón.

**Chusquea antioquensis** L.G. Clark & Londoño, Novon 8(4): 423, f. 6. 1998. T-Protol.: Colombia: Antioquia: Mun La Unión: Río Buey, 5.6 km SW of Mesopotamia and 25 km NE of Abejorral, 5.53N 75.20W, 2200 m, 18 jun 1994, flowers, *L.G. Clark & N. Giraldo 1232* [HT: HUA; IT: COL, ISC, TULV, US].
DST.: Colo.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Londoño & Clark (1998).

**Chusquea aperta** L.G. Clark, Ann. Missouri Bot. Gard. 74(2): 426, f. 1E-H. 1987. T-Protol.: Mexico: Oaxaca: 107 km SW of Tuxtepec, 2650 m, 4 Oct. 1977 (fl), *Soderstrom 2239* [HT: US ]. T-Specim.: 1 of 1. Mexico: Oaxaca, 04 Oct 1977, *T.R. Soderstrom 2239* [HT: US-2946837, US-2946836, US-2946835, US-2946834].
DST.: Mexi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994).

**Chusquea arachniforme** L.G. Clark & Londoño, Novon 8(4): 425, f. 7. 1998. T-Protol.: Colombia: Antioquia: Mun. Amalfi: Vereda El Guayabito, kms 3-6 de la via Amalfi-El Guayabito, NE de Amalfi, sitio Tabanito, 6.54N 75.01W, 1650 m, 5 Dec 1898, flowers, *R. Callejas, J. Betancur & O.D. Escobar 8994* [HT: HUA; IT: COL?, MO].
DST.: Colo.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Londoño & Clark (1998).

**Chusquea argentina** Parodi, Revista Argent. Agron. 8(4): 339, t. 24, f. 4. 1941. T-Protol.: Argentina: Río Negro (Nahuel Huapí), Puerto Blest, 12 Jan 1935, *A.L. Cabrera & M.M. Job 253* [HT: BAA]. T-Specim.: 1 of 1. Argentina: Rio Negro, 12 Jan 1935, *A.L. Cabrera & M.M. Job 253* [T: US-1815752].
DST.: Arge, Chil.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Marticorena & Quezada (1985); McClure (1973); Nicora et al. (1978).

*Chusquea aristata* Munro, Trans. Linn. Soc. London 26(1): 61. 1868. T-Protol.: Ecuador: Quito, in Andibus, alt. 13000-15000 ped. s. m., *W. Jameson 92* [HT: K ]. T-Specim.: 1 of 1. Ecuador: Pichincha, *Jameson 92* [HT: K(fragm., US-2874601)], .
= **Neurolepis acuminatissima** (Munro) Pilg.

**Chusquea aspera** L.G. Clark, Iowa State J. Res. 61(1): 113, f. 4f-i. 1986. T-Protol.: Peru: Huánuco: Leoncio Prado, Dist. Hermilio Valdizán, la cumbre de la Divisoria, 1600 m, 20 May 1978 (fl), *Schunke V. 10178* [HT: US; IT: F, ISC, K, MO, SI, VEN ]. T-Specim.: 1 of 1. Peru: Huánuco: Leoncio Prado Prov., 20 May 1978, *J. Schunke-Vigo 10178* [HT: US-2889198, US-2889197].
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); Tovar (1993).

**Chusquea attenuata** (Döll) L.G. Clark, Novon 3(3): 237. 1993. Basionym: *Arundinaria attenuata* Döll
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Arundinaria attenuata* Döll.

**Chusquea baculifera** Silveira, Arq. Mus. Nac. Rio de Janeiro 22: 99, t. 1. 1919. T-Protol.: Brasil: Minas Geraes: in Serra do Caparaó, in alt. 2800 m, Sep 1911, *A.A. da Silveira 600* [HT: herb. Silveira ]. T-Specim.: 1 of 1. Brazil: Minas Gerais: Serra do Caparaó, 2800 m, Sep 1911, *A.A. da Silveira HERB. SILV. 600* [HT: R(fragm., US-1255436, US-2463822)].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); Clark (1992).

**Chusquea bahiana** L.G. Clark, Brittonia 48(2): 250, f. 1. 1996. T-Protol.: Brazil: Bahia: Mun. Itacaré: Serra da Jacutinga, below the Embratel tower at 5 km along road leading to the tower, the trumoff to this road at 15 km E of BR-101 along road to Itacaré, 490 m, 13 Feb 1994 (fl), *Cavalho, Clark, Cordeiro, Kallunki & Pirani 4386* [HT: CEPEC; IT: ISC, MO, NY, RB, SP, US ]. T-Specim.: 1 of 1. Brazil: Bahia: Itacare Mun.; Serra da Jacuntinga . 490 meters, 13 Feb. 1994, *A.M. de Carvalho et al. 4386* [IT: US-3321973, US-3321974].
DST.: Braz.
LVL. ACCPTC.: 1.

**Chusquea bambusoides** (Raddi) Hack., Ergebn. Bot. Exp. Sudbras. 1: 20. 1906. Basionym: *Rettbergia bambusoides* Raddi
NOTE: also in Denkschr. Kaiserl. Akad. Wiss., Math.-Naturwiss. Kl. 79: 81 (1908)
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Renvoize (1984); Renvoize (1988).
SYN.: *Chusquea gaudichaudii* Kunth; *Nastus bruneus* Desv.; *Rettbergia bambusoides* Raddi.

**Chusquea bambusoides** (Raddi) Hack. var. **bambusoides**
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Smith, Wasshausen & Klein (1981).
SYN.: *Chusquea gaudichaudii* Kunth; *Nastus bruneus* Desv.; *Rettbergia bambusoides* Raddi.

**Chusquea bambusoides** var. **minor** McClure & L.B. Sm., Fl. Il. Catarin. Gram. Suppl.: 25. 1967. T-Protol.: Brazil: Santa Catarina: Itajai, Cunhas, orla da mata, 10 m, 5 Aug 1954, *Reitz & Klein 2020* [HT: US-2209218 ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 1954, *R. Reitz & R. Klein 2020* [HT: US-2209218].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Smith, Wasshausen & Klein (1981).

*Chusquea bambusoides* subsp. *oxylepis* Hack., Ergebn. Bot. Exp. Sudbras. 1: 20. 1906. T-Protol.: Brasil: In sylvaticus ad Rio Mambu et ad ripas fluminis Rio Branco in districtu urbis Conceicão de Itanhaen, prov. São Paulo, ca. 20-100 m, Jul 1901, *Wettstein s.n.* [HT: B ]. T-Specim.: 1 of 1. Brazil: São Paulo, Jul 1901, *R.R. von Wettstein & V.F. Schiffner s.n.* [T: US-2874602].
NOTE: also in Denkschr. Kaiserl. Akad. Wiss., Math.-Naturwiss. Kl. 79: 81 (1908)
= **Chusquea oxylepis** (Hack.) Ekman

**Chusquea barbata** L.G. Clark, Novon 3(3): 232, f. 2. 1993. T-Protol.: Peru: Pasco: Oxapampa, Serrania de San Matias, W slope, E of Loma Linda, 400-700 m, 15 Jun 1983, *A. Gentry, D. Smith & N. Jaramillo 42007* [HT: MO; IT: ISC, US ].
DST.: Peru.
LVL. ACCPTC.: 1.

**Chusquea bilimekii** E. Fourn., Mexic. Pl. 2: 132. 1886. T-Protol.: In convalle Mexicensi, Dec, *Bilimek 448* [HT: P ]. T-Specim.: 1 of 1. Mexico: México, 24 Dec 1865, *Bilimek 448* [HT: P; IT: K, NY, US].
DST.: Mexi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Beetle (1977); Beetle (1987); Clark (1989); Clark, Cortés & Cházaro B. (1997); McClure (1973).
SYN.: *Arundinaria flabellata* (E. Fourn.) McClure; *Guadua flabellata* E. Fourn.

**Chusquea bradei** L.G. Clark, Brittonia 48(2): 254, f. 2. 1996. T-Protol.: Brazil: Espírito Santo: Mun. Castelo: Braço do Sul, 7 Aug 1948 (fl), *A.C. Brade 19181* [HT: RB; IT: SP, UPCB, US(3 sheets) ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Chusquea breviglumis** Phil., Linnaea 29(1): 103. 1858. T-Protol.: Chile: in Andibus dep. Chillan, *Germain s.n.* T-Specim.: 1 of 1. Chile, *J.N. Germain de Saint-Pierre s.n.* [T: US-2874604].
DST.: Arge.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Marticorena & Quezada (1985).

*Chusquea caamanoi* Sodiro, Excurs. Bot. 11. 1881.
NOTE: nom. nud.

**Chusquea caparaoensis** L.G. Clark, Brittonia 44(4): 408, f. 9H,I. 1992. T-Protol.: Brazil: Minas Gerais: Mun. Caparo: Parque Nacional do Caparao, trail to Pico da Bandeira, just above turnoff to Vale Encantado, 2070 m, 23 Feb 1990, *Clark & Morel 701* [HT: SP; IT: BHCB, ISC, K, MO, NY, RB, SJRP, US ]. T-Specim.: 1 of 1. Brazil: Minas Gerais: Mcpo. Caparao: Parque Nacional do Caparao, trail to Pico da Bandeira, just above turnoff to Vale Encantado, 2070 m, 23 Feb 1990, *L. Clark & M. Morel 701* [HT: SP; IT: MO].
DST.: Braz.
LVL. ACCPTC.: 1.

**Chusquea capitata** Nees, Linnaea 9(4): 489. 1834. T-Protol.: In Brasilia, *Sellow s.n.* [HT: B ]. T-Specim.: 1 of 1. Brazil, *F. Sellow s.n.* [HT: B; IT: LE(fragm., US-557553, US-79423)].
DST.: Braz.
ALSO ACCPTD BY: Döll (1880); McClure (1973); Renvoize (1988); Smith, Wasshausen & Klein (1981).
SYN.: *Rettbergia capitata* Nees ex Döll.

**Chusquea capituliflora** Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 3,1(6): 613. 1835. T-Protol.: Hab. in sylvaticis pr. Rio Janeiro, *Anon.* T-Specim.: 1 of 1. Brazil: pr. Rio Janeiro: in sylvatis, *L. Riedl s.n.* [HT: LE-TRIN-3194.01; IT: LE, US-2874606, US-2874607], fig. 6.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973); Renvoize (1988).

**Chusquea capituliflora** Trin. var. **capituliflora**
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Smith, Wasshausen & Klein (1981).

**Chusquea capituliflora** var. **pubescens** McClure & L.B. Sm., Fl. Il. Catarin. Gram. Suppl.: 28. 1967. T-Protol.: Brazil: Santa Catarina: Brusque, mata do Hoffman, capoerao, 40 m, 18 Aug 1953, *Klein 572* [HT: US-2151364 ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 18 Aug 1953, *R. Klein 572* [HT: US-2151364].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Smith, Wasshausen & Klein (1981).

*Chusquea carinata* E. Fourn., Mexic. Pl. 2: 132. 1886. T-Protol.: Mexico: Orizaba, *F. Müller 650*. T-Specim.: 1 of 1. Mexico: Oaxaca, no date, *F. Mueller 650* [IT: US-2874605].
= **Chusquea mulleri** Munro

**Chusquea ciliata** Phil., Linnaea 33(3-4): 299. 1864. T-Protol.: Chile: locis maritimis prov. Santiago, prope Algarrobo, etc., Julio florebat, incolis Quila. T-Specim.: 1 of 1. Chile: Santiago, *R.A. Philippi s.n.* [HT: SGO(fragm., US-556441, US-2874608)].
DST.: Chil.
LVL. ACCPTC.: 1.

**Chusquea circinata** Soderstr. & C.E. Calderón, Brittonia 30(2): 156, f. 1. 1978. T-Protol.: Mexico: Michoacán: W-facing slopes of Cerro de Carboneras above the Río Cupatitzio, ca. 22 km S of Uruapan, elev. 3300-3700 ft, 16-22 Oct 1961, *R.M. King & T. R. Soderstrom 4866* [HT: US ]. T-Specim.: 1 of 1. Mexico: Michoacán: west-facing slopes of Cerro de Carboneras above the Río Cupatítzio, ca. 22 km S of Uruapan, 3300-3700 ft, flowers, 16 Oct 1961 to 22 Oct 1961, *R.M. King & T.R. Soderstrom 4866* [HT: US-2380634, US-2380635; IT: NY].
DST.: Mexi.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Beetle (1987); Clark (1989); Davidse, Sousa & Chater (1994); McVaugh (1983).

**Chusquea coronalis** Soderstr. & C.E. Calderón, Brittonia 30(2): 158, f. 2. 1978. T-Protol.: Costa Rica: San José: canyon of Río Jericó, 2 km NW of Río Conejo, forested river valley, elev. 1200 m, 11 June 1976, *R.W. Pohl & R. Pinette 13209* [HT: US; IT: ISC ]. T-Specim.: 1 of 1. Costa Rica: San José: Canyon of the Río Jericó, NW of Río Conejo, 1200 m, 9,49N 84.04W, 11 Jun 1976, *R.W. Pohl & R. Pinette 13209* [HT: US-2787549, IT: CR-68319, F, ISC, MO(2 sheets)].
DST.: CoRi, ElSa, Guat, Mexi.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Beetle (1987); Berendsohn & Araniva de González (1991); Clark (1989); Davidse, Sousa & Chater (1994); McVaugh (1983); Pohl (1980).

**Chusquea culeou** E. Desv., Fl. Chil. 6: 450, t. 83, f. 2. 1853. T-Specim.: 1 of 1. Chile: Valdivia, *C. Gay s.n.* [T: US-2874609].
DST.: Arge, Chil.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Marticorena & Quezada (1985); McClure (1973); Nicora et al. (1978); Zuloaga et al (1994).
SYN.: *Chusquea culeou* fo. *culeou*; *Chusquea culeou* fo. *longiramea* Parodi.

*Chusquea culeou* E. Desv. fo. *culeou*
= **Chusquea culeou** E. Desv.

*Chusquea culeou* fo. *longiramea* Parodi, Revista Argent. Agron. 8(4): 343. 1941. T-Protol.: Argentina: Río Negro (Nahuel Huapí), Puerto Blest, *L.R. Parodi 11737* [HT: BAA]. T-Specim.: 1 of 1. Argentina: Río Negro, 6 Feb 1934, *L.R. Parodi 11737* [HT: BAA; IT: US-1539670].
= **Chusquea culeou** E. Desv.

**Chusquea cumingii** Nees, Linnaea 9(4): 487. 1834. T-Protol.: Prope Valparaiso Regni Chilensis, 1831, *H. Cuming & Bridges s.n.* [HT: K ]. T-Specim.: 1 of 1. Chile: Valparaiso, 1831, *H. Cuming 639* [T: US-2874610].
DST.: Chil.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Marticorena & Quezada (1985); McClure (1973).

**Chusquea decolorata** Munro ex Parodi, Revista Univ. (Santiago) 30: 65. 1945. T-Protol.: Chile [Peru], *Pavon 36* [IT: G, P], from Peru not Chile [fide L.G. Clark 1996].
NOTE: nom. inval.; without Latin
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Marticorena & Quezada (1985); McClure (1973).

**Chusquea deficiens** Parodi, Revista Argent. Agron. 8(4): 335, t. 22, f. 2-3. 1941. T-Protol.: Argentina: Salta: El Rey, cerros de Maíz Gordo, Jan 1939, *F.E Devoto, F.R. Alberti & C.A. Lambois 1010* [HT: BAA]. T-Specim.: 1 of 1. Argentina: Salta: El Rey, cerros de Maíz Gordo, Jan 1939, *F.E. Devoto , F. Rial Alberti & C.A. Lambois 1010* [HT: BAA(photo, SI); IT: US-1815753].
DST.: Arge.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Zuloaga et al. (1994).

**Chusquea deflexa** L.G. Clark, Iowa State J. Res. 61(1): 102, f. 1d-f. 1986. T-Protol.: El Salvador: Dpto. Santa Ana: summit of Cerro Monte Cristo, juncture of El Salvador, Honduras and Guatemala, 2418 m, 10 Jul 1971 (fl)11, *Pohl 12571* [HT: ISC; IT: MO ]. T-Specim.: 1 of 1. El Salvador: Santa Ana: summit of Cerro Monte Cristo, juncture of El Salvador, Honduras, and Guatemala, 2418 m, flowers, 10 Jul 1971, *Pohl 12571* [HT: ISC; IT: K, MO].
DST.: ElSa, Guat, Hond.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Berendsohn & Araniva de González (1991); Clark (1986); Clark (1989); Clark, Cortés & Cházaro B. (1997); Davidse, Sousa & Chater (1994).

**Chusquea delicatula** Hitchc., Contr. U.S. Natl. Herb. 24(8): 309. 1927. T-Protol.: Bolivia: collected on moist shady banks at Bella Vista, Nor-Yungas, Bolivia, 26 December 1923, *A.S. Hitchcock 22748* [HT: US-1164911 ]. T-Specim.: 1 of 1. Bolivia: Santa Cruz, 26 Dec 1923, *A.S. Hitchcock 22748* [HT: US-11; IT: K64911].
DST.: Boli, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Foster (1958); Hitchcock (1927); McClure (1973); Renvoize (1998).

**Chusquea depauperata** Pilg., Repert. Spec. Nov. Regni Veg. 1(10): 149. 1905. T-Protol.: Peru: Huánuco: in montibus ad austro-occidentem versus ab Monzon prov. Huamalics, in uliginosis inter campos et Frutceta, 3500-3400 m, florens mense Octobri 1903, *Weberbauer 3709* [HT: B?], holotype at B destoyed according to Clark, Syst. Bot. Monogr. 27: 38 (1989). T-Specim.: 1 of 1. Peru: Huánuco: Monzón, 3300-3400 m, Oct 1903, *Weberbauer 3709* [LT: US-2874618; ILT: US-1127078], LT designated by Clark, Syst. Bot. Monogr. 27: 38 (1989).
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Clark (1989); Hitchcock (1927); Macbride (1936); Renvoize (1998); Tovar (1993).
SYN.: *Swallenochloa depauperata* (Pilg.) McClure.

*Chusquea discolor* Hack., Oesterr. Bot. Z. 53(4): 155. 1903. T-Protol.: Brazil: Rio de Janeiro, *Galziou 17452*. T-Specim.: 1 of 1. Brazil: Rio de Janeiro, no date, *A.F.M. Glaziou 17452* [HT: W(fragm., US-2874619)].
= **Chusquea oligophylla** Rupr.

**Chusquea dombeyana** Kunth, Revis. Gramin. 2: 553, t. 191. 1832. T-Protol.: Peru, *Dombey s.n.* T-Specim.: 1 of 1. Peru:, *J. Dombey s.n.* [T: US-2874620].
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Hitchcock (1927); Macbride (1936); McClure (1973); Vargas C.(1943).

*Chusquea effusa* Renvoize, Kew Bull. 42(4): 924. 1987. T-Protol.: Brazil: Parana: Mun. Campo Largo: Cuesta Devoniana, *Hatschbach 12098* [HT: MBM; IT: K ].
= **Colanthelia lanciflora** (McClure & L.B. Sm.) McClure

*Chusquea elegans* Renvoize, Kew Bull. 42(4): 924. 1987. T-Protol.: Brazil: Paraná: Mun. Morretes: Pico Olimpo, 1500 m, 13 Nov 1970, *Hatschbach 25386* [HT: MBM; IT: K, US ]. T-Specim.: 1 of 1. Brazil: Paraná: Morretes Mun., 13 Nov 1970, *G. Hatschbach 25386* [HT: MBM; IT: K, US-2783123, US-2783122].
= **Chusquea mimosa** McClure & L.B. Sm.

**Chusquea erecta** L.G. Clark, Brittonia 44(4): 397, f. 1. 1992. T-Protol.: Brazil: São Paulo: Mun. Salesopolis: Reserva Hidrologica do Rio Claro-SABESP/Estacao Biologica Boraceia, Campos da Boraceia, 870 m, 25 Feb 1991, *L. G. Clark & Morel 826* [HT: SP; IT: ISC, MBM, MO, RB, SJRP, US ]. T-Specim.: 1 of 1. Brazil: São Paulo: Mcpo. Salesopolis: Estaco Biologica Boraceia/Reserva Hidrologica do Rio Claro-SABESP, Campos da Boraceia, 870 m, 25 Feb 1991, *L. Clark & M. Morel 826* [HT: SP; IT: MO].
DST.: Braz.
LVL. ACCPTC.: 1.

**Chusquea exasperata** L.G. Clark, Syst. Bot. 15(4): 627, f. 5-6, 11A-G. 1990. T-Protol.: Ecuador: Tungurahua: valley of the Pastaza River, just above the junction of the Río Verde, 4800 ft, 13 Jul 1945, *McClure 21365* [HT: US; IT: B, F, ISC, G, K, LE, MO, NY, P, WIS ]. T-Specim.: 1 of 1. Ecuador: Tungurahua: 1455 m, 13 Jul 1945, *McClure 21365* [HT: US; IT: B, F, ISC, G, K, LE, MO, NY, P, WIS], .
DST.: Ecua, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999); Tovar (1993).

**Chusquea falcata** L.G. Clark, Novon 3(3): 228, f. 1A-D. 1993. T-Protol.: Ecuador: Loja: Parque Nacional Podocarpus, above Nudo de Cajauma, wet montane forest around Centro de Informacion, 2800-3000 m, 14-15 May 1988, *B. Øllgaard, J.E. Madsen & L. Christensen 74116* [HT: QCA; IT: AAU ]. T-Specim.: 1 of 1. Ecuador: Loja: 2800-3000 m, 14 May 1988, *Øllgaard et al. 74116* [HT: QCA; IT: AAU], .
DST.: Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

**Chusquea fasciculata** Döll, Fl. Bras. 2(3): 202, t. 54. 1880. T-Protol.: Habitat ad Caldas prov. Minarum, *Regnell*

*III 1427*. T-Specim.: 1 of 1. Brazil: Minas Gerais: Caldas Mun., *A.F. Regnell 1427* [IT: US-2874621].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973).

**Chusquea fendleri** Munro, Trans. Linn. Soc. London 26(1): 61. 1868. T-Specim.: 1 of 2. Venezuela: Colonia Tovar, 1854-1855, *A. Fendler 1627* [ST: MO-2116731, US-2874622, US-1083267]. 2 of 2. Ecuador: a litore usque ad 12000 ped. s. m., *Jameson 9* [ST].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973).

**Chusquea fernandeziana** Phil., Anales Univ. Chile 43: 577. 1873. T-Protol.: Hallé este cilihue en la isla de Juan Fernandez, *Philippi s.n.* T-Specim.: 1 of 1. Chile, *R.A. Philippi s.n.* [T: US-2874623(fragm.)].
DST.: Chil.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Marticorena & Quezada (1985); McClure (1973); Skottsberg (1922); Skottsberg (1951).

*Chusquea fimbriata* Steud., Syn. Pl. Glumac. 1: 338. 1854. T-Protol.: Brazil, *Riedel s.n.* [HT: P ]. T-Specim.: 1 of 1. Brazil: Rio de Janeiro, no date, *L. Riedel s.n.* [T: US-2874624].
= **Athroostachys capitata** (Hook.) Benth.

**Chusquea foliosa** L.G. Clark, Iowa State J. Res. 61(1): 115, f. 4a-e. 1986. T-Protol.: Costa Rica: Cartago: Km 79-80 along the Carretera Interamericana, S of El Empalme, 2900 m, 29 May 1980 (fl), *Pohl & Clark 13915* [HT: ISC ]. T-Specim.: 1 of 1. Costa Rica: Cartago: Km 79-80 along the Carretera Interamericana, S of El Empalme, 2900 m, 29 May 1980, *R.W. Pohl & L.G. Clark 13915* [HT: ISC; IT: K, US-2982144].
DST.: CoRi, Mexi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); Davidse, Sousa & Chater (1994).

**Chusquea galeottiana** Rupr. ex Munro, Trans. Linn. Soc. London 26(1): 59. 1868. T-Protol.: Mexico: Oaxaca, *Galeotti 5749* [HT: K ]. T-Specim.: 1 of 1. Mexico: Oaxaca: Cordillera, 8000 ft, flowers, 1840, *H.G. Galeotti 5749* [HT: K(fragm., US-2874625); IT: P].
DST.: Mexi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Beetle (1977); Beetle (1987); Clark (1989); McClure (1973).

*Chusquea gaudichaudii* Kunth, Revis. Gramin. 1: 331, t. 78. 1830. T-Protol.: Crescit prope Rio de Janeiro. T-Specim.: 1 of 1. Brazil: Rio de Janeiro, no date, *C. Gaudichaud-Beaupre s.n.* [T: US-2874626(fragm.)].
NOTE: nom. illeg. superfl., as nom. nud. in 1829
CORRECT NAME: *Rettbergia bambusoides* Raddi
= **Chusquea bambusoides** (Raddi) Hack.

**Chusquea glauca** L.G. Clark, Syst. Bot. Monogr. 27: 95. 1989. T-Protol.: Mexico: Veracruz: Mun. Xico: trail from El Rosario to Xico, 3 km past Buena Vista, 1900 m, 21 Jan 1989, *Clark et al. 459* [HT: MEXU; IT: ISC, MO, US ]. T-Specim.: 1 of 1. Mexico: Veracruz: Xico Mun.:, 21 Jan 1989, *L.G. Clark, M. Chazaro, P. Tenorio & G. Bol 459* [HT: MEXU; IT: ISC, MO, US-3129504].
DST.: Mexi.
LVL. ACCPTC.: 1.

*Chusquea glomerata* Munro, Trans. Linn. Soc. London 26(1): 50. 1868.
NOTE: nom. inval., as syn. of *Merostachys capitata* Hook.
= **Athroostachys capitata** (Hook.) Benth.

**Chusquea gracilis** McClure & L.B. Sm., Fl. Il. Catarin. Gram. Suppl.: 43, t. 8i-k. 1967. T-Protol.: Brazil: Santa Catarina: Cacador, Rio Cacador, mata dum declive do morro, 22 Nov 1946, *Swallen 8285* [HT: US-2152481 ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 22 Nov 1946, *J.R. Swallen 8285* [HT: US-2152482, US-2152481].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Smith, Wasshausen & Klein (1981).

**Chusquea grandiflora** L.G. Clark, Ann. Missouri Bot. Gard. 74(2): 424, f. 1A-D. 1987. T-Protol.: Panama: Panamá: along road past Cerro Jefe toward La Eneida, 6 Jan. 1971 (fl), *Croat 13070* [HT: ISC; IT: COL, CR, K, MEXU, MO, PMA, US ]. T-Specim.: 1 of 1. Panama: Panamá: Cerro Jefe toward La Eneida, 6 Jan 1971, *T.B. Croat 13070* [HT: ISC; IT: COL, CR-129670, K, MEXU, MO(2 sheets), PMA, US-2850760].
DST.: Colo, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); Davidse, Sousa & Chater (1994).

**Chusquea heterophylla** Nees, Linnaea 9(4): 488. 1835. T-Protol.: In Brasilia, *Sellow s.n.* [HT: B ], HT at B destroyed. T-Specim.: 1 of 1. Brazil, *Sellow s.n.* [LT: LE; probable ILT: US-1021584, US-2874627], LT designated by Clark, Brittonia 44: 417 (1992).
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1992).
SYN.: *Chusquea heterophylla* var. *elongata* Döll; *Chusquea heterophylla* var. *heterophylla*; *Chusquea heterophylla* var. *microphylla* Döll; *Chusquea heterophylla* var. *squamosa* Döll; *Chusquea pinifolia* var. *heterophylla* (Nees) Hack.

*Chusquea heterophylla* Griseb., Symb. Fl. Argent. 285. 1879.
NOTE: hom. illeg.
E. HOM.: *Chusquea heterophylla* Nees
= **Guadua trinii** (Nees) Nees ex Rupr.

*Chusquea heterophylla* var. *elongata* Döll, Fl. Bras. 2(3): 207. 1880. T-Specim.: 1 of 2. Brazil, *Sellow 853* [LT: US-2874627], LT designated by Clark, Brittonia 44: 417 (1992). The original holotype at B destroyed. 2 of 2. Brazil: Rio de Janeiro, *Glaziou 2831* [LT: B], LT designated by Scholz, Willdenowia 22: 268 (1992).
= **Chusquea heterophylla** Nees

*Chusquea heterophylla* Nees var. *heterophylla*
= **Chusquea heterophylla** Nees

*Chusquea heterophylla* var. *microphylla* Döll, Fl. Bras. 2(3): 207. 1880. T-Specim.: 1 of 1. Brazil: Minas Gerais: Itatiaia, 1871, *Glaziou 5436* [LT: C], LT designated by Clark, Brittonia 44: 420 (1992).
= **Chusquea microphylla** (Döll) L.G. Clark

*Chusquea heterophylla* var. *squamosa* Döll, Fl. Bras. 2(3): 207. 1880. T-Specim.: 1 of 1. Brazil, *Sellow s.n.* [LT: LE; probable ILT: US-1021584], LT designated by Clark, Brittonia 44: 417 (1992). The original holotype at B destroyed.
= **Chusquea heterophylla** Nees

*Chusquea heydei* Hitchc., Proc. Biol. Soc. Wash. 40: 80. 1927. T-Protol.: Guatemala: Santa Rosa, 3000-4000 m, May 1892, *Heyde & Lux 3566* [HT: US ]. T-Specim.: 1 of 1. Guatemala: Santa Rosa, ca. 1000 m, flowers, May 1892, *E.T. Heyde & E. Lux 3566* [IT: US-731141(fragm., K); IT: ISC, US-1021537, US-821331].
= **Chusquea liebmannii** E. Fourn.

*Chusquea hispida* McClure, J. Wash. Acad. Sci. 32(6): 179, f. 7. 1942. T-Protol.: Venezuela: Distrito Federal: near Caracas, in upper Catuche wood, above 1400 m, 13 May 1917, *H. Pittier 7159* [HT: VEN; IT: US-987284 ].
= **Chusquea pallida** Munro

**Chusquea huantensis** Pilg., Bot. Jahrb. Syst. 56(Beibl. 123): 29. 1920. T-Protol.: Peru: Huanta: Ayacucho: Weg von Tambo ueber Osno zum Flusse Apurimac, Gebuesch, reich an hartlaubigen Formen, 3000 m, Hoher spreizklimmender Strauch, 31 May 1910, *Weberbauer 5581* [HT: B; IT: MO, US ]. T-Specim.: 1 of 1. Peru: Ayacucho, 31 May 1910, *A. Weberbauer 5581* [HT: B(fragm., US-2874628, US-1498092); IT: MO, US-1517186].
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Hitchcock (1927); Macbride (1936); McClure (1973); Tovar (1993).

*Chusquea humilis* Lechler ex Munro, Trans. Linn. Soc. London 26(1): 60. 1868. T-Protol.: Peru, *Lechler 2694* [HT: K ].
NOTE: nom. inval., as syn. of *Chusquea spicata* Munro
= **Chusquea spicata** Munro

**Chusquea ibiramae** McClure & L.B. Sm., Fl. Il. Catarin. Gram. Suppl.: 40, t. 8d-f. 1967. T-Protol.: Brazil: Santa Catarina: Ibirama, Horto Florestal, I. N. P., mata, 300 m, 18 Jul 1956, *Reitz & Klein 3449* [HT: US-2263473 ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 18 Jul 1956, *R. Reitz & R. Klein 3449* [HT: US-2263473].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Smith, Wasshausen & Klein (1981).

**Chusquea inamoena** Pilg., Repert. Spec. Nov. Regni Veg. 1(10): 150. 1905. T-Protol.: Peru: Tarma: in montibus ad occidentem ab Huacapistana versis, in silvis humidis, humilioribus, saepe nebulis obtectis ad 2700 m, florens mense Januario 1903, *Weberbauer 2295*. T-Specim.: 1 of 1. Peru:, Jan 1903, *A. Weberbauer 2295* [T: US-2874629, US-1127080].
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973).

*Chusquea intermedia* Steud., Berberid. Amer. Austr. 52. 1857.
NOTE: nom. nud.
= **Chusquea valdiviensis** E. Desv.

*Chusquea jamesonii* Steud., Syn. Pl. Glumac. 1: 337. 1854. T-Protol.: Andes Peru, *Jameson hrbr. 631.*
= **Chusquea scandens** Kunth

**Chusquea juergensii** Hack., Repert. Spec. Nov. Regni Veg. 7(149-151): 325. 1909. T-Protol.: Brasilia, Rio Grande do Sul, in altiplanitie ad 400-600 m.s.m.; vidi et descrisi specimen ad Fasenda Horticola (Municipio Rio Pardo) (70 m.s.m.) cultum a Carolo Juergens missum, *Juergens s.n.* T-Specim.: 1 of 1. Brazil: Rio Grande do Sul: Mun. Rio Pardo, ad Fasenda Horticola, 70 m,, Sep 1907, *C. Jurgens 322* [HT: W(fragm., US-2874630)].
DST.: Braz, Urug.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1992); McClure (1973).
SYN.: *Chusquea swallenii* McClure & L.B. Sm.

**Chusquea lanceolata** Hitchc., Phytologia 1(4): 145. 1935. T-Protol.: Guatemala: Chimaltenango: collected at Santa Elena, alt. 3000 m, in cypress forest, 24 Dec 1933, *A.F. Skutch 768* [HT: US-1587761 ]. T-Specim.: 1 of 1. Guatemala: Chimaltenango: Santa Elena, 2400-2700 m, 24 Dec 1933, *A.F. Skutch 768* [HT: US-1587761].
DST.: Guat, Hond, Mexi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Beetle (1987); Breedlove (1986); Clark (1989); Clark, Cortés & Cházaro B. (1997); Davidse, Sousa & Chater (1994); McClure (1955); McClure (1973).

**Chusquea latifolia** L.G. Clark, Ann. Missouri Bot. Gard. 72(4): 868, f. 3. 1985. T-Protol.: Colombia: Tolima: El Libano a Murillo (Km 11 al 22 de la carretera), subpáramo en el Alto de Peñones, 2200-2950 m, 20 Jul 1947, flowers, *García-Barriga 12259* [HT: US; IT: COL ]. T-Specim.: 1 of 1. Colombia: Tolima, 20 Jul 1947, *H. García-Barriga 12259* [HT: US-

1937305; IT: COL].
DST.: Colo.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989).

**Chusquea lehmannii** Pilg., Bot. Jahrb. Syst. 27: 35. 1899. T-Protol.: Colombia: crescit frequentissime in silvis densis in declivibus orientalibus paramo de Las Delicias, in andibus centralibus circa Popayan, alt. s.m. 2500-3000 m, flor. coll. mens. Mart., *Lehmann 5256*. T-Specim.: 1 of 1. Colombia: Cauca: Andes of Popayan, paramo de las Delicias, 2500-3300 m, *Lehmann 5256* [LT: US-1127085; ILT: K, US], LT designated by Clark & Londono, Nord. J. Bot. 11: 325 (1991).
DST.: Colo, Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark & Londoño (1991b); Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999); McClure (1973).
SYN.: *Chusquea pilgeri* E.G. Camus.

**Chusquea lehmannii** subsp. **farinosa** L.G. Clark & Londoño, Nordic J. Bot. 11(3): 326. 1991. T-Protol.: Ecuador: Morona-Santiago: road Gualaceo-Sucua, E of pass, 78.37W 3.02S, 3200-3300 m, 23 Oct 1984, *Lægaard 53219* [HT: AAU; IT: QCA ]. T-Specim.: 1 of 1. Ecuador: Morona-Santiago: 3200-3300 m, 23 Oct 1984, *Lægaard 53219* [HT: AAU; IT: QCA], .
DST.: Colo, Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

**Chusquea lehmannii** Pilg. subsp. **lehmannii**
DST.: Colo, Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

**Chusquea leonardiorum** L.G. Clark, Brittonia 48(2): 256, f. 3. 1996. T-Protol.: Ecuador: Loja: Parque Nacional Podocarpus, Cajanuma, sendero al Mirador, 3050 m, 1 Jun 1992 (fl), *L.G. Clark, S. Lægaard & M.J. Stern 1109* [HT: QCA; IT: AAU, ISC ]. T-Specim.: 1 of 1. Ecuador: Loja: ., 3050 m, 1 Jun 1992, *L. G. Clark et al. 1109* [HT: QCA, IT: AAU, ISC, US-3321972], .
DST.: Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

**Chusquea leptophylla** Nees, Linnaea 9(4): 489. 1834. T-Protol.: In Brasilia, *Sellow s.n.* [HT: B ]. T-Specim.: 1 of 1. Brazil, *F. Sellow 844* [HT: B(fragm., US-2874632, US-1021497); IT: LE].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Renvoize (1988); Smith, Wasshausen & Klein (1981); Soreng, R. J. (1997).
SYN.: *Arthrostylidium leptophyllum* (Nees) Döll.

**Chusquea liebmannii** E. Fourn., Biol. Cent.-Amer., Bot. 3: 587. 1885. T-Protol.: Mexico: Oaxaca: between San Miguel del Puente and Sadani, *Liebmann 125*. T-Specim.: 1 of 1. Mexico: Oaxaca: between San Miguel del Puente and Sadani, *Liebmann 125* [HT: C; IT: US].
DST.: CoRi, ElSa, Guat, Mexi.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Beetle (1977); Beetle (1987); Berendsohn & Araniva de González (1991); Breedlove (1986); Clark (1989); Davidse, Sousa & Chater (1994); McClure (1973); Soderstrom & Calderón (1978b).
SYN.: *Chusquea heydei* Hitchc.

*Chusquea liebmannii* E. Fourn., Mexic. Pl. 2: 132. 1886. T-Protol.: Mexico: inter S.Miguel del Puente et Sadani in prov. Oajacensi, Octubre, *Liebmann 125*.
NOTE: isonym.
E. HOM.: *Chusquea liebmannii* E. Fourn.

**Chusquea ligulata** Munro, Trans. Linn. Soc. London 26(1): 62. 1868. T-Specim.: 1 of 1. Colombia: Cundinamarca: Manzanos, near Bogotá, 2500 m, Jan 1867, *A. Lindig 1125* [LT: K; ILT: MO, P, US-2874633], LT designated by Clark, Syst. Bot. 15: 628 (1990).
DST.: Colo.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1990); McClure (1973).

**Chusquea linearis** N.E. Br., Trans. Linn. Soc. London, Bot. 6(1): 76. 1901. T-Protol.: Summit of Mount Roraima, 8600 ft, *McConnell & Quelch 677*. T-Specim.: 1 of 1. Guyana:, 1808, *F.V. McConnell & J.J. Quelch 677* [HT: K(fragm., US-2874634); IT: US-1039490].
DST.: Braz, Guya, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1991a); McClure (1973); Steyermark et al. (1995).

**Chusquea londoniae** L.G. Clark, Syst. Bot. 15(4): 628, f. 3-4, 12A-D. 1990. T-Protol.: Colombia: Antioquia: Alejandria: Vereda Santa Rita, Finca Montepinar, 1850 m, 28 Aug 1986, *Pohl 15444* [HT: HUA; IT: ISC ].
DST.: Colo.
LVL. ACCPTC.: 1.

**Chusquea longifolia** Swallen, J. Wash. Acad. Sci. 30(5): 210. 1940. T-Protol.: Mexico: Chiapas: Mount Tacaná, elev. 2000-4088 m, Aug 1938, *Matuda 2373* [HT: US-1724503 ]. T-Specim.: 1 of 1. Mexico: Chiapas: Mount Tacaná, 2000-4038 m, flowers, Aug 1938, *E. Matuda 2373* [HT: US-1724503; IT: DS-657025, DS-360438, NY, US-2209358].
DST.: CoRi, Guat, Mexi, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Beetle (1977); Beetle (1987); Breedlove (1986); Clark (1989); Davidse, Sousa & Chater (1994); McClure (1955); McClure (1973); Pohl (1980).

**Chusquea longiligulata** (Soderstr. & C.E. Calderón) L.G. Clark, Ann. Missouri Bot. Gard. 74(2): 428. 1987. Basionym: *Swallenochloa longiligulata* Soderstr. &

C.E. Calderón
DST.: CoRi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); Clark, Cortés & Cházaro B. (1997); Davidse, Sousa & Chater (1994).
SYN.: *Swallenochloa longiligulata* Soderstr. & C. E. Calderón.

**Chusquea longipendula** Kuntze, Revis. Gen. Pl. 3(2): 348. 1893. T-Protol.: Am Ostahhange der Cordilleran in den Thälern von Cochabamba aus nach dem Flusshafen in Wäldern von ca. 2000 m Seehöhe z. B. bei Santa Rosa häufig. T-Specim.: 1 of 1. Bolivia: Cordillera of Cochabamba, Apr 1892, *C.E.O. Kuntze s.n.* [HT: NY; IT: US-2874636].
DST.: Boli.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Renvoize (1998).

**Chusquea longiprophylla** L.G. Clark, Syst. Bot. 15(4): 631, f. 1-2, 14F-I. 1990. T-Protol.: Colombia: Cundinamarca: La Vega-Facatativa highway, 2100 m, 3 Sep 1947, *Haught 6132* [HT: COL; IT: US ].
DST.: Colo.
LVL. ACCPTC.: 1.

**Chusquea lorentziana** Griseb., Abh. Konigl. Ges. Wiss. Gottingen 19: 249. 1874. T-Protol.: Argentina: Prov. Tucumán, Siambon, Sierra de Tucumán, *P.G. Lorentz 181*. T-Specim.: 1 of 1. Argentina: Prov. Tucuman, Siambon, 7 May 1874, *P.G. Lorentz 181* [IT: CORD(photo, SI)].
DST.: Arge.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Renvoize (1998); Zuloaga et al. (1994).

**Chusquea loxensis** L.G. Clark, Brittonia 48(2): 260, f. 4. 1996. T-Protol.: Ecuador: Loja: Parque Nacional Podocarpus, Cerro Toledo, 3350 m, 2 Jun 1992 (fl), *L.G. Clark, S. Lægaard & M.J. Stern 1114B* [HT: QCA; IT: AAU, ISC, MO, US ]. T-Specim.: 1 of 1. Ecuador: Loja: ., 3350 m, 2 Jun 1992, *L. G. Clark et al. 1114B* [HT: QCA; IT: AAU, ISC, MO, US-3321966, US-3321967], .
DST.: Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

**Chusquea maclurei** L.G. Clark, Iowa State J. Res. 61(1): 109, f. 3. 1986. T-Protol.: Ecuador: Pichincha: old road between Quito and Santo Domingo, 60 km from Quito, 9.7 km W of Chiriboga, western slope, 2050 m, 27 Aug 1982, *Clark, Calderón & Asanza 309* [HT: ISC; IT: US ]. T-Specim.: 1 of 1. Ecuador: Pichincha: 2050 m, 27 Aug 1982, *L. G. Clark et al. 309* [HT: ISC(4 sheets); IT: K, MO, QCA, US-3087572, US-3087353], .
NOTE: occasionally spelled *"macclurei"*
DST.: Ecua.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Clark (1989); Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999).

**Chusquea macrostachya** Phil., Anales Univ. Chile 94: 350. 1896. T-Protol.: Chile: pariter in valle fluminis Palena invenit orn. Fr. Delfin. T-Specim.: 1 of 1. Chile:, *R.A. Philippi 517* [T: US-556445].
DST.: Chil.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Marticorena & Quezada (1985); McClure (1973).

**Chusquea maculata** L.G. Clark, Syst. Bot. 15(4): 632, f. 7, 14A-E. 1990. T-Protol.: Venezuela: Mérida: Sucre: via Estanquez-Las Colorados-El Molino-Canguá, between Estanquez and Las Colorados, 2300m, 14 Jun 1989, *Clark, Gaviria & Adamo 523* [HT: VEN; IT: ISC, MO, NY, US ]. T-Specim.: 1 of 1. Venezuela: Mérida: Sucre Dist., 14 Jun 1983, *L.G. Clark, J. Gaviria & G. Adamo 523* [IT: US-3173813].
DST.: Colo, Vene.
LVL. ACCPTC.: 1.

*Chusquea maurofernandeziana* Hack. ex E.G. Camus, Bambusees 1: 86, t. 56c. 1913. T-Protol.: Costa Rica: entre S. Marcos et S. Maria de Rotta, *Pittier [s.n.]*.
NOTE: nom. illeg. superfl.
CORRECT NAME: *Chusquea pittieri* Hack.
= **Chusquea pittieri** Hack.

*Chusquea mexicana* Hack., Ann. K.K. Naturhist. Hofmus. 17: 256. 1902. T-Protol.: Mexico, *Schmitz 845* [HT: W ]. T-Specim.: 1 of 1. Mexico, no date, *A. Schmitz 845* [HT: W(fragm., US-2874737)].
= **Chusquea mulleri** Munro

**Chusquea meyeriana** Rupr. ex Döll, Fl. Bras. 2(3): 203. 1880. T-Specim.: 1 of 4. Brazil: prov. St. Paulo: Tayuara Krichiuma, in collibus sylvat., 1833, *Gilob 1635* [ST: LE-TRIN-3199.01]. 2 of 4. Brazil: São Paulo, 1833, *L. Riedel 1635* [ST: US-2874638]. 3 of 4. Brazil: São Paulo: in collibus silvaticus prope Lorena, *Riedel s.n.* [ST]. 4 of 4. Brazil: Minas Gerais: ad Caldas, *Regnell III 1421* [ST].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Pohl (1980); Renvoize (1988); Smith, Wasshausen & Klein (1981).
SYN.: *Chusquea meyeriana* var. *meyeriana*.

*Chusquea meyeriana* Rupr. ex Döll var. *meyeriana*
= **Chusquea meyeriana** Rupr. ex Döll

*Chusquea meyeriana* var. *patentissima* (Hack.) E.G. Camus, Bambusees 1: 94. 1913. Basionym: *Chusquea quitensis* var. *patentissima* Hack.
= **Chusquea scandens** Kunth

**Chusquea microphylla** (Döll) L.G. Clark, Brittonia 44(4): 420, f. 16G-K. 1992. Basionym: *Chusquea heterophylla* var. *microphylla* Döll
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Chusquea heterophylla* var. *microphylla* Döll.

**Chusquea mimosa** McClure & L.B. Sm., Fl. Il. Catarin. Gram. Suppl.: 37. 1967. T-Protol.: Brazil: Santa Catarina: Campo Alegre, Morro de Iquererim, beira do rio, 1300 m, 10 Jan 1958, *Reitz & Klein 6139* [HT: US-2240563; IT: HBR ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 1958, *R. Reitz & R. Klein 6139* [HT: US-2240563].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1992); McClure (1973); Smith, Wasshausen & Klein (1981).
SYN.: *Chusquea elegans* Renvoize.

**Chusquea mimosa** subsp. **australis** L.G. Clark, Brittonia 44(4): 414, f. 14G-I. 1992. T-Protol.: Brazil: Rio Grande do Sul: Mun. Cambara do Sul: canyon of Itaimbezinho, 920 m, 3 Feb 1973, *Soderstrom 2042* [HT: US ]. T-Specim.: 1 of 1. Brazil: Rio Grande Do sul, Cambara do Sul Mun., 3 Feb 1973, *T.R. Soderstrom 2042* [HT: US-2909119, US-2909116, US-2909117, US-2909118, US-2909120].
DST.: Braz.
LVL. ACCPTC.: 1; cultivated.

**Chusquea mimosa** McClure & L.B. Sm. subsp. **mimosa**
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1992).

**Chusquea montana** Phil., Linnaea 33(3-4): 298. 1864. T-Protol.: Chiel: in montibus supra Corral, *Krause s.n.* T-Specim.: 1 of 1. Chile:, *R.A. Philippi 516* [HT: SGO(fragm., US-556446)].
DST.: Arge, Chil.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Marticorena & Quezada (1985); McClure (1973); Nicora et al. (1978); Zuloaga et al. (1994).

**Chusquea mulleri** Munro, Trans. Linn. Soc. London 26(1): 65. 1868. T-Protol.: Habitat in Mexico, Vera Cruz, Orizaba, *Muller 2024.*
DST.: Mexi.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Beetle (1977); Beetle (1987); McClure (1973).
SYN.: *Chusquea carinata* E. Fourn.; *Chusquea mexicana* Hack.

**Chusquea nelsonii** Scribn. & J.G. Sm., U.S.D.A. Div. Agrostol. Bull. 4: 16. 1897. T-Protol.: Mexico: Guerrero:, *Nelson 2162* [HT: US ]. T-Specim.: 1 of 1. Mexico: Guerrero, 17 Dec 1894, *E.W. Nelson 2162* [HT: US-218629].
DST.: Guat, Mexi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Beetle (1977); Beetle (1987); Davidse, Sousa & Chater (1994); McClure (1973).

**Chusquea neurophylla** L.G. Clark, Iowa State J. Res. 61(1): 105, f. 2a-f. 1986. T-Protol.: Ecuador: Inter Riobamba et Alausí, in Cordillera centrali andinum, 2900 m, Jul 1876, *E. F. André 4516* [HT: K; IT: K ]. T-Specim.: 1 of 1. Ecuador: Chimborazo: inter Riobambi et Alausí, in Cordillera centrali andinum, 2900 m, Jul 1876, *André 4516* [HT: K; IT: K, US-3047994], .
DST.: Ecua, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999); Tovar (1993).

**Chusquea nigricans** Phil., Anales Univ. Chile 27: 323. 1865. T-Protol.: Frequens in montibus litoreis prov. Valdiviae Cordillera Pelada. T-Specim.: 1 of 1. Chile: Valdivia, *R.A. Philippi s.n.* [T: SGO(fragm., US-287641)].
DST.: Chil.
LVL. ACCPTC.: 2; cultivated.
ALSO ACCPTD BY: McClure (1973).

*Chusquea nubicola* Soderstr. ex Breedlove, Listados Florist. Mexico 4: 232. 1986.
NOTE: nom. nud

**Chusquea nudiramea** L.G. Clark, Brittonia 44(4): 415, f. 15. 1992. T-Protol.: Brazil: Santa Catarina: Santo Amaro da Imperatriz, Cobrinha de Ouro, S do Rio, 200 m, 9 Aug 1973, *Bresolin 1002* [HT: MBM; IT: HBR, ISC(fragm.), US ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 9 Dec 1973, *A. Bresolin 1002* [IT: US-2725910].
DST.: Braz.
LVL. ACCPTC.: 1.

**Chusquea nutans** L.G. Clark, Brittonia 44(4): 398, f. 3A-F, 4, 5. 1992. T-Protol.: Brazil: Bahia: Serra das Almas, lower NE slopes of the Pico das Almas, ca. 25 km WNW of the Vila do Rio de Contas, 17 Feb 1977, *Harley et al. 19596* [HT: CEPEC; IT: IPA, K, MO, NY, P, RB, U, US ].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (ined.).

**Chusquea oligophylla** Rupr., Bambuseae 34, t. 7, f. 23. 1839. T-Protol.: Brasilia, *Anon.* [HT: PR ].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973).
SYN.: *Chusquea discolor* Hack.; *Chusquea wettsteinii* Hack.

**Chusquea oxylepis** (Hack.) Ekman, Ark. Bot. 13(10): 65. 1913. Basionym: *Chusquea bambusoides* subsp. *oxylepis* Hack.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Renvoize (1988); Smith, Wasshausen & Klein (1981).
SYN.: *Chusquea bambusoides* subsp. *oxylepis* Hack.

**Chusquea oxyphylla** Freng. & Parodi, Notas Mus. La Plata, Paleontol. 6 (Paleont. 32): 236. [t.] f. 1. 2. 1941.
NOTE: Fossil

LVL. ACCPTC.: 2.

*Chusquea palenae* Phil., Anales Univ. Chile 94: 350. 1896. T-Protol.: Chile: in valle fluminis Palenae ab orn. Fid. Delfin reperta. T-Specim.: 1 of 1. Chile, *R.A. Philippi 529* [T: US-556448].
= **Chusquea valdiviensis** E. Desv.

**Chusquea pallida** Munro, Trans. Linn. Soc. London 26(1): 65. 1868. T-Specim.: 1 of 2. Colombia: Santa Marta, *W. Purdie s.n.* [ST: US-2874642]. 2 of 2. Venezuela: inter Caracas et La Guayra, alt. 1500 ped. s. m., *Fendler 1625* [ST].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973).
SYN.: *Chusquea hispida* McClure.

**Chusquea paludicola** L.G. Clark, Iowa State J. Res. 61(1): 101, f. 1a-c. 1986. T-Protol.: Costa Rica: San José: Chusquea-Lomaria-Sphagnum bog, W side of CIA, Km 70, 2700 m, 31 Dec 1984, *Pohl & Clark 14600* [HT: ISC; IT: CR, F, K, MO, US ]. T-Specim.: 1 of 1. Costa Rica: San José: El Empalme, km 70 along the Carretera Interamericana, 2700 m, 9.44N 83.57W, 31 Dec 1984, *R.W. Pohl & L.G. Clark 14600* [HT: ISC; IT: CR-116841, F, K, MO, US-3149516].
DST.: CoRi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); Clark, Cortés & Cházaro B. (1997); Davidse, Sousa & Chater (1994).

*Chusquea parvifolia* Phil., Linnaea 33(3-4): 299. 1864. T-Protol.: Chile: in prov. Colchagua frequens. T-Specim.: 1 of 1. Chile: Colchagua, 1862, *R.A. Philippi s.n.* [HT: SGO(fragm., US-2874643)], OS.
= **Chusquea quila** Kunth

**Chusquea patens** L.G. Clark, Iowa State J. Res. 61(1): 119, f. 5. 1986. T-Protol.: Costa Rica: Heredia: side road N of road to Alto del Roble, just at entrance to pass, 2030 m, 28 Jul 1982 (fl), *Pohl & Clark 14109* [HT: ISC ].
DST.: CoRi, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); Davidse, Sousa & Chater (1994).

**Chusquea perligulata** (Pilg.) McClure, Smithsonian Contr. Bot. 9: 69. 1973. Basionym: *Guadua perligulata* Pilg.
DST.: Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).
SYN.: *Guadua perligulata* Pilg.

**Chusquea perotensis** L.G. Clark, G. Cortés & Cházaro, Syst. Bot. 22(2): 225, f. 1-4. 1997. T-Protol.: Mexico: Veracruz: Mun. Xico: road from Tonalaco to Oxtlapa to Xico, below La Garita, Cañada El Toche, 3 km above Oxtlapa, 20 km above Xico, 2150 m: 20 Sep 1994. *L. G. Clark, G. Cortés R., M Cházaro B., I. Calzada D. 1308.* [HT:MEXU;IT:CHAPA, ENCB,F,GH,ISC,K,MICH,MO,MSC,NY,US,WIS, XAL]
DST.: Mexi.
LVL. ACCPTC.: 1.

**Chusquea peruviana** E.G. Camus, Bambusees 88, t. 53, f. B. 1913.
DST.: Boli, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Foster (1958); Hitchcock (1927); Jørgensen & Ulloa U. (1994); Macbride (1936); McClure (1973); Renvoize (1998); Tovar (1993).
SYN.: *Chusquea ramosissima* Pilg.; *Chusquea sandiensis* Pilg.

*Chusquea phacellophora* Pilg., Notizbl. Bot. Gart. Berlin-Dahlem 8(76): 456. 1923. T-Protol.: Brasilien: Rio Grande do Sul: Mun. Rio Pardo, Fasenda Soleade, in Urwalde im Unterholz, Dec 1916, *C. Jürgens G 511.* T-Specim.: 1 of 1. Brazil: Rio Grande do Sul, Dec 1916, *C. Juergens 511* [HT: B; IT: US-2874644].
= **Chusquea ramosissima** Lindm.

**Chusquea picta** Pilg., Repert. Spec. Nov. Regni Veg. 1(10): 151. 1905. T-Protol.: Peruvia: In andina nemoribus, *Ruiz s.n.* [HT: B ]. T-Specim.: 1 of 1. Peru:, *H. Ruiz-Lopez s.n.* [HT: B; IT: US-2874645].
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Hitchcock (1927); Macbride (1936); McClure (1973); Renvoize (1998); Tovar (1993); Young & León (1990).

*Chusquea pilgeri* E.G. Camus, Bambusees 1: 83. 1913.
NOTE: nom. illeg. superfl.
CORRECT NAME: *Chusquea lehmannii* Pilg.
= **Chusquea lehmannii** Pilg.

**Chusquea pinifolia** (Nees) Nees, Linnaea 9(5): 490. 1834. Basionym: *Arundinaria pinifolia* Nees
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); Clark (1992); Döll (1880); Filgueiras (ined.); McClure (1973); Renvoize (1984); Renvoize (1988).
SYN.: *Arundinaria pinifolia* Nees; *Chusquea pinifolia* var. *pinifolia*; *Ludolfia pinifolia* (Nees) A. Dietr.; *Ludolphia pinifolia* (Nees) A. Dietr.

*Chusquea pinifolia* var. *heterophylla* (Nees) Hack., Ergebn. Bot. Exp. Sudbras. 1: 21. 1908. Basionym: *Chusquea heterophylla* Nees
NOTE: also in Denkschr. Kaiserl. Akad. Wiss., Math.-Naturwiss. Kl. 79: 82 (1908)
= **Chusquea heterophylla** Nees

*Chusquea pinifolia* (Nees) Nees var. *pinifolia*
= **Chusquea pinifolia** (Nees) Nees

**Chusquea pittieri** Hack., Oesterr. Bot. Z. 53(4): 153. 1903. T-Protol.: Costa Rica: Cuesta de los Arrepentados, 1400 m, *Pittier 2249*. T-Specim.: 1 of 1. Costa Rica: San José: San Marcos a Santa María de Dota, cuesta

de Los Arrependitos, 1400 m, 9.40N 84.02W, 4 Apr 1890, *H. Pittier 2249* [HT: W(fragm., US-821334, US-365888); IT: CR-2249, ISC].
DST.: CoRi, Guat, Mexi, Pana.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Beetle (1987); Breedlove (1986); Clark (1989); Davidse, Sousa & Chater (1994); McClure (1955); McClure (1973); Pohl (1980); Soderstrom & Calderón (1978b).
SYN.: *Chusquea maurofernandeziana* Hack. ex E. G. Camus.

**Chusquea pohlii** L.G. Clark, Ann. Missouri Bot. Gard. 72(4): 867, f. 2B-F. 1985. T-Protol.: Costa Rica: San José: along the Interamerican Hwy. between Km 44-45, closer to Km 45, 2190 m, 27 Feb. 1982, *Clark & Clark 275* [HT: ISC; IT: US ]. T-Specim.: 1 of 1. Costa Rica: San José: along the Interamerican Hwy., between KM44 and 45, closer to KM 45, 2190 m, 27 Feb 1982, *L.G. Clark & Clark 275* [HT: ISC; IT: CR-114067, US].
DST.: CoRi, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994).

**Chusquea polyclados** Pilg., Repert. Spec. Nov. Regni Veg. 1(10): 147. 1905. T-Protol.: Peru: Cajamarca: supra Hacienda La Tahona ad Hualgayoc, in formatione dense plantis herbaceis et fruticibus mixta, 3100-3300 m, ante anthesin coll. mense Majo, 1904, *Weberbauer 4021*. T-Specim.: 1 of 1. Peru: Cajamarca, May 1904, *A. Weberbauer 4021* [T: US-2874647, US-1127086)].
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Tovar (1993).

**Chusquea pubescens** Steud., Syn. Pl. Glumac. 1: 337. 1854.
LVL. ACCPTC.: 2.
ALSO ACCPTD BY: McClure (1973).

**Chusquea pubispicula** Pilg., Repert. Spec. Nov. Regni Veg. 1(10): 148. 1905. T-Protol.: Peru: prope Sandia ad 2800 m fruticeta extensa fere pura formans, florens mense Aprili 1902, *Weberbauer 688*. T-Specim.: 1 of 1. Peru:, Apr 1902, *A. Weberbauer 688* [T: US-2874648].
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Tovar (1986); Tovar (1993).

**Chusquea pulchella** L.G. Clark, Novon 3(3): 236, f. 3F-J. 1993. T-Protol.: Brazil: Sao Paulo: BR-116, ca. Km 517, heading N to Sao Paulo, Rio Braco Feio, ca. 60 m before the spring, 560 m, 48.19W 24.57S, 19 Mar 1991, *L.G. Clark & W. Oliveiro 939* [HT: SP; IT: ISC, MO, SJRP, US ]. T-Specim.: 1 of 1. Brazil: Sao Paulo: . 560 meters., 19 Mar. 1991, *L.G. Clark 939* [IT: US-3278485].
DST.: Braz.
LVL. ACCPTC.: 1.

**Chusquea purdieana** Munro, Trans. Linn. Soc. London 26(1): 56. 1868. T-Protol.: Colombia: Hab. in Nova Granada, in humidis Monte del Moro, prov. Velez, *Purdie s.n.*
DST.: Colo.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973).

**Chusquea quila** Kunth, Revis. Gramin. 1: 329, t. 77. 1830. T-Protol.: Crescit in regno Chilensi, *Dombey s.n.* T-Specim.: 1 of 1. Chile, no date, *J. Dombey s.n.* [T: US-2874650, US-78066(fragm.)].
DST.: Chil.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Marticorena & Quezada (1985); McClure (1973); Nicora et al. (1978).
SYN.: *Arundo quila* Molina; *Chusquea parvifolia* Phil.; *Chusquea quila* var. *laxiflora* E. Desv.; *Chusquea quila* var. *longipila* E.G. Camus; *Chusquea quila* var. *quila*; *Coliquea quila* (Molina) Steud. ex Bibra; *Cortaderia quila* (Molina) Stapf; *Gynerium quila* (Molina) Nees & Meyen; *Moorea quila* (Molina) Stapf; *Nastus productus* (Pilg.) Holttum.

*Chusquea quila* var. *laxiflora* E. Desv., Fl. Chil. 6: 447. 1854. T-Protol.: Chile, *Dombey s.n.* [HT: P].
= **Chusquea quila** Kunth

*Chusquea quila* var. *longipila* E.G. Camus, Bambusees 1: 198, f. 61a. 1913.
NOTE: nom. nud.
= **Chusquea quila** Kunth

*Chusquea quila* Kunth var. *quila*
= **Chusquea quila** Kunth

*Chusquea quitensis* Hack., Oesterr. Bot. Z. 53(4): 154. 1903. T-Protol.: Ecuador: in silvis subandinis montis Pichincha ad 3000 m, *Sodiro s.n.* T-Specim.: 1 of 1. Ecuador: Pichincha, *Sodiro s.n.* [HT: W(fragm., US)].
NOTE: as nom. nud. in Sodiro 1889: 484
= **Chusquea scandens** Kunth

*Chusquea quitensis* var. *patentissima* Hack., Repert. Spec. Nov. Regni Veg. 6(113-118): 161. 1908. T-Protol.: Bolivia: Nor-Yungas, Unduari, im Walde, 12 Feb 1907, *O. Buchtien 839*. T-Specim.: 1 of 1. Bolivia, 12 Feb 1907, *O. Buchtien 839* [HT: W(fragm., US-2874651)].
= **Chusquea scandens** Kunth

**Chusquea ramosissima** Lindm., Kongl. Svenska Vetenskapsakad. Handl. 34(6): 24, t. 14. 1900. T-Specim.: 1 of 2. Brazil: Rio Grannde do Sul: Ex colonia Santo Angelo, in silvis primaevis sub montibus capiose usque ad iugn montium arida adscendens, "Creciuma", Jan-Feb, *Exp. I. Regnell., A, 1239* [ST: S]. 2 of 2. Paraguay: Cordillera de Villa Rica, in silvis abundans, florens, Sep 1874, *Balansa 134a* [LT: S; ILT: US-2874652], LT desiganted by Parodi, Revista Argent, Agron. 8: 338 (1941).
DST.: Arge, Boli, Braz, Para, Urug.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Killeen (1990); McClure (1973);

Renvoize (1988); Renvoize (1998); Rosengurtt, Arrillaga de Maffei & Izaguirre de Artuco (1970); Smith, Wasshausen & Klein (1981); Zuloaga et al. (1994).

SYN.: *Chusquea affinis* Munro ex Camus; *Chusquea phacellophora* Pilg.

*Chusquea ramosissima* Pilg., Repert. Spec. Nov. Regni Veg. 1(10): 149. 1905. T-Specim.: 1 of 2. Peru: Sandia, fruticeta densa ad 2800-3000 m formans, frequens, post anthesim, Apr 1902, *A. Weberbauer 694* [ST: US-1127079, US-2874653]. 2 of 2. Peru, *Ruiz s.n.* [ST: B].

NOTE: hom. illeg.

E. HOM.: *Chusquea ramosissima* Lindm.

CORRECT NAME: *Chusquea sandiensis* Pilg.

= **Chusquea peruviana** E.G. Camus

**Chusquea repens** L.G. Clark & Londoño, Nordic J. Bot. 11(3): 327. 1991. T-Protol.: Mexico: Chiapas: El Triunfo, 6300 ft, 13 Mar 1965, *Andrie 446* [HT: US ]. T-Specim.: 1 of 1. Mexico: Chiapas, 13 Mar 1965, *R.F. Andrie 446* [HT: US-2533944].

DST.: Mexi.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Davidse, Sousa & Chater (1994).

**Chusquea repens** subsp. **oaxacacensis** L.G. Clark & Londoño, Nordic J. Bot. 11(3): 328. 1991. T-Protol.: Mexico: Oaxaca: 107 km SW of Tuxtepec in oak cloud forest, 2100-2700 m, 4 Oct. 1977, *Soderstrom 2238* [HT: US ]. T-Specim.: 1 of 1. Mexico: Oaxaca, 04 Oct 1977, *T.R. Soderstrom 2238* [HT: US-2946838, US-2946839, US-2946840].

DST.: Mexi.

LVL. ACCPTC.: 1.

**Chusquea repens** L.G. Clark & Londoño subsp. **repens**

DST.: Mexi.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Davidse, Sousa & Chater (1994).

**Chusquea riosaltensis** L.G. Clark, Brittonia 44(4): 403, f. 6. 1992. T-Protol.: Brazil: Minas Gerais: Mun. Lima Duarte: Serra do Ibitipoca, Parque Estadual (Florestal) do Ibitipoca, Paredao do Rio Salto, fork from trail to Ponte da Pedra, 1300 m, 2 Feb 1991, *L. G. Clerk & Morel 775* [HT: SP; IT: BHCB, ISC, MO, RB, SJRP, US ]. T-Specim.: 1 of 1. Brazil: Minas Gerais: Mcpo. Lima Duarte, Serra do Ibitipoca, Parque Estadual (Florestal) do Ibitipoca, Paredao do Rio Salto, forking from trail to Ponte da Pedra; 1300m, 2 Feb 1991, *L. Clark & M. Morel 775* [IT: MO].

DST.: Braz.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Filgueiras (ined.).

*Chusquea rollotii* Berry, Proc. U.S. Natl. Mus. 75(24): 2. 1929.

NOTE: fossil

LVL. ACCPTC.: 3.

ALSO ACCPTD BY: McClure (1973).

*Chusquea rubicola* Soderstr. ex Beetle, Gram. Mexico 2: 270. 1987. T-Protol.: Mexico: Chiapas, *Breedlove 40826* [MEXU].

NOTE: nom. inval., without Latin description

*Chusquea sandiensis* Pilg., Bot. Jahrb. Syst. 56(Beibl. 123): 29. 1920.

REPLACED NAME: *Chusquea ramosissima* Pilg.

BLOCKING NAME: *Chusquea ramosissima* Lindm.

= **Chusquea peruviana** E.G. Camus

**Chusquea scabra** Soderstr. & C.E. Calderón, Brittonia 30(3): 300, f. 2. 1978. T-Protol.: Costa Rica: Cartago: crossing of Río Coliblanco, 4 km NE of Capellades, elev. 1630 m, 4 Jun 1976, *R.W. Pohl & R. Pinette 13305* [HT: US; IT: ISC ]. T-Specim.: 1 of 1. Costa Rica: Cartago: crossing of Río Coliblanco, 4 km NE of Capellades, 1630 m, flowers, 4 Jun 1976, *R.W. Pohl & R. Pinette 13305* [HT: US-2787563; IT: F, ISC].

DST.: CoRi.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Clark (1989); Davidse, Sousa & Chater (1994); Pohl (1980).

**Chusquea scandens** Kunth, Syn. Pl. 1: 254. 1822.

NOTE: nom. nov., nom. illeg.; the possible "paratautonym" does not prevent the basionym *Nastus chusque* being used in a combination

REPLACED NAME: **Nastus chusque** Kunth

DST.: Boli, Colo, Ecua, Peru.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Brako & Zarucchi (1993); Foster (1958); Hitchcock (1927); Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999); Macbride (1936); McClure (1973); Renvoize (1998); Tovar (1993); Young & León (1990).

SYN.: *Bambusa chusque* Poir.; *Chusquea jamesonii* Steud.; *Chusquea meyeriana* var. *patentissima* (Hack.) E.G. Camus; *Chusquea quitensis* Hack.; *Chusquea quitensis* var. *patentissima* Hack.; *Nastus chusque* Kunth.

**Chusquea sclerophylla** Döll, Fl. Bras. 2(3): 200. 1880. T-Specim.: 1 of 2. Brazil:, 3 Apr 1870, *A.F.M. Glaziou 4311* [ST: US-734831]. 2 of 2. Brazil: near Rio de Janeiro, *Glaziou 6463* [LT: C; ILT: US-734832(fragm.)], LT designated by Clark, Brittonia 44: 403 (1992).

DST.: Braz.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Clark (1992); McClure (1973).

**Chusquea sellowii** Rupr., Bambuseae 35, t. 11, f. 26. 1839. T-Protol.: Brasilia, *Sellow s.n.* [HT: B ]. T-Specim.: 1 of 1. Brazil, *F. Sellow s.n.* [HT: B; IT: LE, US-2874655].

DST.: Braz.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Döll (1880); Filgueiras (ined.); McClure (1973); Smith, Wasshausen & Klein (1981).

**Chusquea serpens** L.G. Clark, Ann. Missouri Bot. Gard. 72(4): 870, f. 4. 1985. T-Protol.: Costa Rica: Alajuela: edge of Valley of Río Cariblanco, Cariblanco, 830 m, 26 Aug. 1968 (fl), *Pohl & Davidse 11023* [HT: ISC; IT: US ]. T-Specim.: 1 of 1. Costa Rica: Alajuela, 26 Aug 1968, *R.W. Pohl & G. Davidse 11023* [HT: ISC(2 sheets); IT: F, K, MO(3 sheets), US-2835729].
DST.: Colo, CoRi, Ecua, Pana, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); Davidse, Sousa & Chater (1994); Jørgensen & León-Yánez (1999).

**Chusquea serrulata** Pilg., Bot. Jahrb. Syst. 25: 719. 1898. T-Protol.: Colombia: collecta in itinere oppido Pasto ad Laguna grande de Cocha et ad montem Patascoy, *Stuebel 344*. T-Specim.: 1 of 1. Colombia:, no date, *M.A. Stuebel 344* [HT: B; IT: S-1127084].
DST.: Colo, Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Beetle (1977); Beetle (1987); Foster (1958); Hitchcock (1927); Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999); Macbride (1936); McClure (1973); Tovar (1993).

**Chusquea simpliciflora** Munro, Trans. Linn. Soc. London 26(1): 54, t. 2. 1868. T-Specim.: 1 of 1. Panama: in dense woods, Lion Hill Station, Panama Railroad, Oct 1862, *S. Hayes 661* [LT: K; ILT: F, US-2184718], LT designated by Clark, Syst. Bot. Monogr. 27: 89 (1989).
DST.: Colo, CoRi, Ecua, Guat, Mexi, Nica, Pana, Vene.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Beetle (1977); Beetle (1987); Clark (1989); Davidse, Sousa & Chater (1994); Jørgensen & León-Yánez (1999); Londoño (1997); McClure (1955); McClure (1973); McVaugh (1983); Pohl (1980).
SYN.: *Chusquea simplicifolia* Munro ex Hemsl.

*Chusquea simplicifolia* Munro ex Hemsl., Biol. Cent.-Amer., Bot. 3: 587. 1885.
NOTE: nom. inval., orth. error correctable to *Chusquea simpliciflora* Munro
= **Chusquea simpliciflora** Munro

*Chusquea simplicissima* Pilg., Repert. Spec. Nov. Regni Veg. 1(10): 145. 1905. T-Protol.: Peru: in montibus ad Huacapistana provincae Tarma in campis apertis inspersis, 3200-3400 m, Jan 1903, *Weberbauer 2217* [HT: B ], holotype at B destroyed according to Clark, Syst. Bot. Monogr. 27: 63 (1989). T-Specim.: 1 of 1. Peru: Prov. Tarnea: 3200-3400 m, Jan 1903, *A. Weberbauer 2217* [LT: US-2874659], LT designated by Clark, Syst. Bot. Monogr. 26: 63 (1989).
= **Chusquea spicata** Munro

**Chusquea smithii** L.G. Clark, Iowa State J. Res. 61(1): 107, f. 2g-i. 1986. T-Protol.: Peru: Pasco: Oxapampa Prov.: trail to summit to Cordillera Yanachaga via Rió San Daniel (75.27W, 10.23S), 3350-3420 m, 12 Jul 1984, *Smith 7730* [HT: ISC; IT: K, MO, US ]. T-Specim.: 1 of 1. Peru: Pasco: Oxapampa Prov.: trail to summit of Cordillera Yanachaga via Río San Daniel, 75.27W, 10.23S, 3350-3420 m, 12 Jul 1984, *D.N. Smith 7730* [HT: ISC(2 sheets); IT: K, MO, US-3071957].
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); Tovar (1993).

**Chusquea sneidernii** Aspl., Bot. Not. 1939: 797. 1939. T-Protol.: Colombia: Cauca: El Tambo, in silva primaeva ad Munchique, 11 Sep 1936, *von Sneidern 1121* [HT: S; IT: F, NY ].
DST.: Colo.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1990); McClure (1973).

**Chusquea spadicea** Pilg., Bot. Jahrb. Syst. 27: 35. 1899. T-Protol.: Colombia: crescit ad Antioquia, *Lehmann 3174*.
DST.: Colo.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973).

**Chusquea spathacea** McClure ex L.G. Clark, Novon 3(3): 235, f. 3A-E. 1993. T-Protol.: Colombia: Magdalena: forest on trail above africa (Sierra Perijá), 1700 m, 16 Dec 1944, *O. Haught 4512* [HT: COL; IT: US ].
DST.: Colo.
LVL. ACCPTC.: 1.

**Chusquea spencei** Ernst, J. Bot. 10: 262. 1872. T-Protol.: Venezuela: Naigautá, ca. 2800 m, 23 Apr 1872, *James M. Spence 13*. T-Specim.: 1 of 1. Venezuela: Miranda/Distrito FEderal: the Amphitheatre and along trail to Pico Naiguatá, Cordillera de la Costa, 2700-2765 m, flowers, 6 Dec 1973, *Tillett, Morillo, Morillo & Manara 41* [NT], NT designated by Clark, Syst. Bot. Monogr. 27: 54 (1989).
DST.: Colo, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); McClure (1973).

**Chusquea spicata** Munro, Trans. Linn. Soc. London 26(1): 60. 1868. T-Specim.: 1 of 1. Peru: Sachapata in Cordillera, Jul 1854, *W. Lechler 2154* [LT: K(fragm., US-1021567, US-1126704)], LT designated by Clark, Syst. Bot. Monogr. 27: 62 (1989).
DST.: Boli, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Foster (1958); Hitchcock (1927); Macbride (1936); Renvoize (1998).
SYN.: *Chusquea humilis* Lechler ex Munro; *Chusquea simplicissima* Pilg.; *Chusquea weberbaueri* Pilg.; *Swallenochloa spicata* (Munro) McClure; *Swallenochloa weberbaueri* (Pilg.) McClure.

*Chusquea spinosa* E. Fourn. ex Hemsl., Biol. Cent.-Amer., Bot. 3: 587. 1885. T-Protol.: Mexico: between La Galera and Pochutla, *Liebmann 130*. T-Specim.: 1 of 1. Mexico: between La Galera and Pochutla, 1842, *Liebmann 130* [HT: C(fragm., US-2972546)].
= **Guadua paniculata** Munro

*Chusquea spinosa* E. Fourn., Mexic. Pl. 2: 131. 1886. T-Protol.: Mexico: inter La Galera et Pochutla, in declivitae occidentali Cordillerarum. 1000 ft, Oct, *Liebmann 130.*

NOTE: isonym

E. HOM.: *Chusquea spinosa* E. Fourn. ex Hemsl.

= **Guadua paniculata** Munro

**Chusquea straminea** Pilg., Repert. Spec. Nov. Regni Veg. 1(10): 147. 1905. T-Protol.: Peru: Amazonas: prope Chachapoyas ad orientem versus Tambo Ventillas, in fruticetis arboribus intermixtis, 2400-2600 m, florens mense Julio 1904, *Weberbauer 4408*. T-Specim.: 1 of 1. Peru: Amazonas, no date, *A. Weberbauer 14408* [IT: US-2874660].

DST.: Peru.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: McClure (1973).

**Chusquea subtessellata** Hitchc., Proc. Biol. Soc. Wash. 40: 81. 1927. T-Protol.: Costa Rica: Cerro de la Muerte, Jan 1891, *Tonduz 3367* [HT: US-821342 ]. T-Specim.: 1 of 1. Costa Rica: San José: Cerro de la Muerte (Buenavista), flowers, 1320 m, 9.30N 83.40W, Jan 1891, *A. Tonduz 3367* [HT: US-821342; IT: CR-3367, US-1021539].

DST.: CoRi, Pana.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Clark (1989); Clark, Cortés & Cházaro B. (1997); Davidse, Sousa & Chater (1994).

SYN.: *Swallenochloa subtessellata* (Hitchc.) McClure.

**Chusquea subtilis** Y. Widm. & L.G. Clark, Ann. Missouri Bot. Gard. 78(1): 167, f. 1F-H. 1991. T-Protol.: Costa Rica: Cartago: Villa Mills, El Sitio, confluence of Quebradas Siberia and Voltea, 2550 m, 9 Dec 1988, *Widmer 508* [HT: CR; IT: CATIE/SBN, ISC, ZT ]. T-Specim.: 1 of 1. Costa Rica: Cartago: Villa Mills, El Sitio, Quebrada Siberia a Voltea, 2550 m, 9.34N 83.43W, 9 Dec 1988, *Y. Widmer 508* [HT: CR-147153; IT: CATIE/SBN, ISC, US-3175073, ZT].

DST.: CoRi.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Widmer & Clark (1991).

**Chusquea subulata** L.G. Clark, Novon 3(3): 229, f. 1E-H. 1993. T-Protol.: Ecuador: Pichincha: on the road N from Calacali to San José de Niebli, 2750 m, 2 May 1980, *Young, S.M. 124* [HT: QCA; IT: NY, US ]. T-Specim.: 1 of 1. Ecuador: Pichincha: 2750 m, 02 May 1980, *Young 124* [HT: QCA; IT: NY, US], .

DST.: Colo, Ecua.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

**Chusquea sulcata** Swallen, J. Wash. Acad. Sci. 30(5): 209. 1940. T-Protol.: Mexico: Chiapas: Mount Ovando, Apr 1936, *Matuda 321* [HT: US-1722000; IT: DS-659686, DS-657026 ]. T-Specim.: 1 of 1. Mexico: Chiapas, Apr 1936, *E. Matuda 321* [HT: US-1722000; IT: DS, US-1685149].

DST.: CoRi, Guat, Mexi.

LVL. ACCPTC.: 1; cultivated.

ALSO ACCPTD BY: Beetle (1977); Beetle (1987); Breedlove (1986); Davidse, Sousa & Chater (1994); McClure (1973).

*Chusquea swallenii* McClure & L.B. Sm., Fl. Il. Catarin. Gram. Suppl.: 44, t. 48, f. A-c. 1967. T-Protol.: Brazil: Santa Catarina: Cacador, Rio Cacador, mata dum declive do morro 22 Jan 1946, *Swallen 8284* [HT: US-2152480 ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 22 Jan 1946, *J.R. Swallen 8284* [HT: US-2152480].

= **Chusquea juergensii** Hack.

**Chusquea talamancensis** Y. Widm. & L.G. Clark, Ann. Missouri Bot. Gard. 78(1): 169, f. 2A-F. 1991. T-Protol.: Costa Rica: Cartago: Cordillera de Talamanca, on the path to Cerros de Cuericí, 3030 m, 30 May 1989, *Clark, Widmer & Stein 502* [HT: CR; IT: ISC, MO, NY, US ]. T-Specim.: 1 of 1. Costa Rica: Cartago: Cordillera de Talamanca: Cerros de Cuerici, 3030 m, 9.35N 83.38W, 30 May 1989, *L.G. Clark, Y. Widmer & U. Stein 502* [HT: CR-147155; IT: ISC, MO, NY, US-3175082, US-3715083, US-3715084].

DST.: CoRi.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Clark, Cortés & Cházaro B. (1997); Davidse, Sousa & Chater (1994).

**Chusquea tarmensis** Pilg., Repert. Spec. Nov. Regni Veg. 1(10): 151. 1905. T-Protol.: Peru: Tarma: in montibus ad Yanangu, ad orientem ab Huacapistana versus, in silvis et fruticetis, frequens et insignis altitidine imprimis 2100-2600 m, etiam ad majorem altitudinem crescens, post anthesin collecta mense Januario 1903, *Weberbauer 2129* [HT: P ]. T-Specim.: 1 of 1. Peru: Tarma, Jan 1903, *A. Weberbauer 2129* [HT: B(fragm., US-2874661)].

DST.: Peru.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: McClure (1973); Tovar (1993).

**Chusquea tenella** Nees, Linnaea 9(4): 492. 1835. T-Protol.: In Brasilia, *Lhotsky s.n.* [HT: B ]. T-Specim.: 1 of 1. Brazil, no date, *J. Lhotsky s.n.* [HT: B(fragm., US-2874662)].

DST.: Arge, Braz, Urug.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Döll (1880); McClure (1973); Smith, Wasshausen & Klein (1981); Zuloaga et al. (1994).

SYN.: *Chusquea uruguayensis* Arechav.

**Chusquea tenella** var. **latifolia** Dutra, Revista Sudamer. Bot. 5(5-6): 146. 1938. T-Protol.: Brésil: Rio Grande do Sul: Mun. S. Leopoldo: Ferrabraz, Aug 1932. T-Specim.: 1 of 1. Brazil: Rio Grande do Sul, 30 Jul 1932, *J. Dutra 1543* [T: US-1723529].

DST.: Braz.

LVL. ACCPTC.: 2.

ALSO ACCPTD BY: McClure (1973).

**Chusquea tenella** Nees var. **tenella**
DST.: Braz.
LVL. ACCPTC.: 1.

*Chusquea tenuiflora* Phil., Linnaea 30(2): 206. 1859. T-Protol.: Chile: in nemoribus prov. Valdiviae inter Cruces at San José frequens, martio florens. T-Specim.: 1 of 1. Chile, *R.A. Philippi 690* [T: US-2874663].
= **Chusquea uliginosa** Phil.

**Chusquea tenuiglumis** Döll, Fl. Bras. 2(3): 199. 1880.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973).

**Chusquea tenuiglumis** var. **laxiuscula** Döll, Fl. Bras. 2(3): 200. 1880. T-Protol.: Brasilia: habitat in prov. Minarum prope Lagoa Santa, *Warming s.n.*
DST.: Braz.
LVL. ACCPTC.: 2.
ALSO ACCPTD BY: McClure (1973).

**Chusquea tenuiglumis** var. **subcylindrica** Döll, Fl. Bras. 2(3): 199. 1880. T-Protol.: Brasilia: habitat ad Caldas Prov. Minarum, *Regnel III. 1436.*
DST.: Braz.
LVL. ACCPTC.: 2.
ALSO ACCPTD BY: McClure (1973).

**Chusquea tenuiglumis** Döll var. **tenuiglumis**
DST.: Braz.
LVL. ACCPTC.: 2.

**Chusquea tenuis** Glaz. ex E.G. Camus, Bambusees 1: 90. 1913. T-Protol.: Typus non indicatus. T-Specim.: 1 of 1. Brazil: Rio de Janeiro, 20 Nov 1877, *A.F.M. Glaziou 9056* [HT: P(fragm., US-1126697)].
DST.: Braz.
LVL. ACCPTC.: 1.

**Chusquea tessellata** Munro, Trans. Linn. Soc. London 26(1): 60. 1868. T-Specim.: 1 of 2. Colombia: Antioquia, 1851 to 1857, *J.J. Triana 306* [ST: US-2874664, US-1647876]. 2 of 2. Colombia: Cundinamarca: in montibus ad orient Bogotae, Guadeloupe, 14 Jan 1854, *Holton 97* [LT: K; ILT: PH], LT designated by Clark, Syst. Bot. Monogr. 27: 62 (1989).
DST.: Boli, Colo, Ecua, Peru, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Clark (1989); Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999); Tovar (1993).
SYN.: *Swallenochloa tessellata* (Munro) McClure.

**Chusquea tomentosa** Y. Widm. & L.G. Clark, Ann. Missouri Bot. Gard. 78(1): 165, f. 1A-E. 1991. T-Protol.: Costa Rica: Cartago: Villa Mills, road to Piedra Alta, 2880 m, 30 May 1989, *Clark, Widmer & Stein 500* [HT: CR; IT: ISC, MO, NY, US ]. T-Specim.: 1 of 1. Costa Rica: Cartago: Villa Mills, road to Piedra Alta, 2880 m, 9.34N 83.41-42W, 30 May 1989, *L.G. Clark, Y. Widmer, U. Stein 500* [HT: CR-147151, CR-147157; IT: ISC, MO, NY, US-3175086, CR-3715085].
DST.: CoRi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994).

**Chusquea tonduzii** Hack., Oesterr. Bot. Z. 53(4): 155. 1903. T-Protol.: Costa Rica: in summo monte ignivomi Poás ad 2644 m, *Tonduz 10755*. T-Specim.: 1 of 1. Costa Rica: Alajuela: cima del Volcán Poás, 2644 m, 10.11N 84.14W, Oct 1896, *A. Tonduz 10755* [HT: W; IT: CR-10755, US-821339, US-2874665, US-365922].
DST.: CoRi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); Clark, Cortés & Cházaro B. (1997); Davidse, Sousa & Chater (1994); McClure (1973); Pohl (1980).

**Chusquea tuberculosa** Swallen, J. Wash. Acad. Sci. 21(1): 14. 1931. T-Protol.: Colombia: Santander: on the edge of woods between California and Vetas, 2500 m, 15-22 Jan 1927, *Killip & Smith 18005* [HT: US-1353497 ].
DST.: Colo.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Swallen (1931).

**Chusquea uliginosa** Phil., Linnaea 30(2): 207. 1859. T-Protol.: Chile: in pratis illis pluvias inundatis, uliginosis, quae incolis Nadi, provinciae Valdiviae; a colonis Germanis Kleine Quila vocatur. T-Specim.: 1 of 1. Chile: Valdivia, *R.A. Philippi 520* [T: US-556453].
NOTE: as *Chusquea "nliginosa"*
DST.: Chil.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Marticorena & Quezada (1985); McClure (1973).
SYN.: *Chusquea tenuiflora* Phil.

**Chusquea uniflora** Steud., Syn. Pl. Glumac. 1: 337. 1854. T-Protol.: Marignita Nova Granada, *Linden 892*. T-Specim.: 1 of 1. Colombia:, 1843, *J.J. Linden 892* [T: US-2874666].
DST.: Colo, Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Foster (1958); Hitchcock (1927); Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999); McClure (1973).

**Chusquea urelytra** Hack., Oesterr. Bot. Z. 53(4): 158. 1903. T-Protol.: Brasilia, provincia Rio de Janeiro, in silva primaeva ad Alto Mocahé de Novo Friburgo, *Glaziou 17920*. T-Specim.: 1 of 1. Brazil: Rio de Janeiro, no date, *A.F.M. Glaziou 17920* [HT: W; IT: US-2874667].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973).

*Chusquea uruguayensis* Arechav., Anales Mus. Nac. Montevideo 1(6): 546. 1897. T-Protol.: Uruguay: Gruta de los Helechos en Tacaurembó, bosques encajonados de Tambores, florece en Octubre y Noviembre.
= **Chusquea tenella** Nees

**Chusquea valdiviensis** E. Desv., Fl. Chil. 6: 446. 1853. T-Specim.: 1 of 2. Chile: Valdivia, no date, *C. Gay 292* [ST: US-2874668]. 2 of 2. Chile:, *Philippi s.n.* [ST].
DST.: Arge, Chil.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: McClure (1973); Zuloaga et al. (1994).
SYN.: *Chusquea intermedia* Steud.; *Chusquea palenae* Phil.

*Chusquea venezuelae* Steud., Syn. Pl. Glumac. 1: 337. 1854. T-Protol.: Venezuela, *Funck & Schlim 494* [HT: P ]. T-Specim.: 1 of 2. Venezuela: Federal District: Caracas; at Galipan, alt. 5000 ft., Apr 1846, *N. Funck & L.J. Schlim (J. Linden) 494* [T: US-2874669, US-1647875]. 2 of 2. Venezuela: Distrito Federal: Galipan, flowering, *Linden 494* [HT: G; IT: BM, BR(fragm., US), P(fragm., US), W(fragm., US)].
= **Arthrostylidium venezuelae** (Steud.) McClure

**Chusquea virgata** Hack., Oesterr. Bot. Z. 53(4): 156. 1903. T-Protol.: Costa Rica: in silvis prope San Marcos, 1355 m, *Tonduz (Pittier 7730)*. T-Specim.: 1 of 1. Costa Rica: San José: San Marcos de Tarrazú, 1355 m, 9.40N 84.02W, Mar 1893, *A. Tonduz (Pittier) 7730* [HT: W, IT: CR-7730, US-2874670, US-471816, US-102150].
DST.: CoRi, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); McClure (1973); Pohl (1980).

**Chusquea vulcanalis** (Soderstr. & C.E. Calderón) L.G. Clark, Ann. Missouri Bot. Gard. 74(2): 428. 1987. Basionym: *Swallenochloa vulcanalis* Soderstr. & C.E. Calderón
DST.: CoRi, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1989); Clark, Cortés & Cházaro B. (1997); Davidse, Sousa & Chater (1994).
SYN.: *Swallenochloa vulcanalis* Soderstr. & C. E. Calderón.

*Chusquea weberbaueri* Pilg., Repert. Spec. Nov. Regni Veg. 1(10): 146. 1905. T-Protol.: Peru: Amazonas: ad Cachapotas inter Tambo Ventillas et Piscohuanama, in campis densis frequens, 3300-3400 m, florens mense Julio, 1904, *Weberbauer 4415* [HT: B ], holotype at B destroyed according to Clark, Syst. Bot. Monogr. 27: 63 (1989). T-Specim.: 1 of 1. Peru: Amazonas: at Chachapoyas between Tambo Ventillas and Piscohuanama, 3300-3400 m, Jul 1854, *Weberbauer 4415* [LT: US-2874671, US-1127084], LT designated by Clark, Syst. Bot. Monogr. 27: 63 (1989).
= **Chusquea spicata** Munro

*Chusquea wettsteinii* Hack., Ergebn. Bot. Exp. Sudbras. 1: 21. 1906. T-Protol.: Brasilia: in silvis ad "Brasso" Grande in districtu urbis Itapecirica ca. 1000 m, *Wettstein & Schiffner s.n.* T-Specim.: 1 of 1. Brazil, Jun 1901, *R.R. von Wettstein & V.F. Schiffner s.n.* [T: US-2874672].
NOTE: also in Denkschr. Kaiserl. Akad. Wiss., Math.-Naturwiss. Kl. 79: 82. (1908)
= **Chusquea oligophylla** Rupr.

**Chusquea wilkesii** Munro, Trans. Linn. Soc. London 26(1): 63. 1868. T-Protol.: Habitat in Brasilia, Organ Montes, *Wilkes s.n.* T-Specim.: 1 of 1. Brazil:, 1838 to 1842, *Wilkes Explor. Exped. s.n.* [T: US-1021548(fragm.)].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973).

**Chusquea windischii** L.G. Clark, Brittonia 44(4): 405, f. 9A-G. 1992. T-Protol.: Brazil: Santa Catarina: Mun. Urubici: Morro da Igreja, Serra Geral, 1680 m, 25 Feb 1992, *L. G. Clark, Londoño & Oliveira 1046* [HT: SP; IT: HBR, ISC, MBM, MO, SJRB, US ]. T-Specim.: 1 of 1. Brazil: Santa Catarina: Mcpo. Urubici: Morro da Igreja; 1680m, 25 Feb 1992, *L. Clark, X. Londoño & Oliviera 1046* [HT: SP; IT: MO].
DST.: Braz.
LVL. ACCPTC.: 1.

**Chusquea** sect. **Longifoliae** L.G. Clark, Syst. Bot. Monogr. 27: 105. 1989. TYPE: *Chusquea longifolia* Swallen
LVL. ACCPTC.: 1.

**Chusquea** sect. **Longiprophyllae** L.G. Clark, Syst. Bot. 15(4): 626. 1990. TYPE: *Chusquea longiprophylla* L.G. Clark
LVL. ACCPTC.: 1.

**Chusquea** sect. **Serpentes** L.G. Clark, Syst. Bot. Monogr. 27: 91. 1989. TYPE: *Chusquea serpens* L.G. Clark
LVL. ACCPTC.: 1.

**Chusquea** sect. **Swallenochloa** (McClure) L.G. Clark, Syst. Bot. Monogr. 27: 29. 1989. Basionym: *Swallenochloa* McClure
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark (1992).
SYN.: *Swallenochloa* McClure.

**Chusquea** sect. **Verticillatae** L.G. Clark, Syst. Bot. Monogr. 27: 74. 1989. TYPE: *Chusquea pittieri* Hack.
LVL. ACCPTC.: 1.

## Chusqueinae

**Chusqueinae** subtrib. Soderstr. & R.P. Ellis, Grass Syst. Evol. 238. 1987. TYPE: *Chusquea* Kunth
TRTD. BY: The authors.
NHT: Bambuseae.
SYN.: *Neurolepidinae* Soderstr. & R.P. Ellis.

**Colanthelia** McClure & E.W. Sm., Smithsonian Contr. Bot. 9: 77, f. 32. 1973. TYPE: *Colanthelia cingulata* (McClure & L.B. Sm.) McClure
TRTD. BY: Judziewicz.
NHT: Arthrostylidiinae. SPP.: 7
CNSLTD LIT.: McClure (1973).

**Colanthelia burchellii** (Munro) McClure, Smithsonian Contr. Bot. 9: 79. 1973. Basionym: *Arthrostylidium burchellii* Munro
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Arthrostylidium burchellii* Munro; *Arundinaria burchellii* (Munro) Hack.

**Colanthelia cingulata** (McClure & L.B. Sm.) McClure, Smithsonian Contr. Bot 9: 79. 1973.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Renvoize (1988); Smith, Wasshausen & Klein (1981).
SYN.: *Aulonemia cingulata* McClure & L.B. Sm.

**Colanthelia distans** (Trin.) McClure, Smithsonian Contr. Bot. 9: 79. 1973. Basionym: *Arundinaria distans* Trin.
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Arundinaria distans* Trin.

**Colanthelia intermedia** (McClure & L.B. Sm.) McClure, Smithsonian Contr. Bot. 9: 79. 1973. Basionym: *Aulonemia intermedia* McClure & L.B. Sm.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Smith, Wasshausen & Klein (1981).
SYN.: *Aulonemia intermedia* McClure & L.B. Sm.

**Colanthelia lanciflora** (McClure & L.B. Sm.) McClure, Smithsonian Contr. Bot. 9: 79. 1973. Basionym: *Aulonemia lanciflora* McClure & L.B. Sm.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Smith, Wasshausen & Klein (1981).
SYN.: *Aulonemia lanciflora* McClure & L. B. Sm.; *Chusquea effusa* Renvoize.

**Colanthelia macrostachya** (Nees) McClure, Smithsonian Contr. Bot. 9: 79. 1973. Basionym: *Arundinaria macrostachya* Nees
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Arundinaria macrostachya* Nees.

**Colanthelia rhizantha** (Hack.) McClure, Smithsonian Contr. Bot. 9: 79. 1973. Basionym: *Arundinaria rhizantha* Hack.
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Arundinaria rhizantha* Hack.

*Coliquea* Steud. ex Bibra, Denkschr. Kaiserl. Akad. Wiss., Math.-Naturwiss. Kl. 5(2): 115. 1853. TYPE: *Coliquea quila* (Molina) Steud. ex Bibra
NOTE: nom. nud.
= **Chusquea** Kunth

*Coliquea quila* (Molina) Steud. ex Bibra, Denkschr. Kaiserl. Akad. Wiss., Math.-Naturwiss. Kl. 5(2): 115. 1853. Basionym: *Arundo quila* Molina
= **Chusquea quila** Kunth

**Criciuma** Soderstr. & Londoño, Amer. J. Bot. 74(1): 35. 1987. TYPE: *Criciuma asymmetrica* Soderstr. & Londoño
TRTD. BY: Judziewicz.
NHT: Guaduinae. SPP.: 1
CNSLTD LIT.: Soderstrom & Londoño (1987).

**Criciuma asymmetrica** Soderstr. & Londoño, Amer. J. Bot. 74(1): 35, f. 1, 2, 5a, 5b. 1987. T-Protol.: Brazil: Bahia: Mun. de Una: 12 km N of Una City, road Una-Olivença, fazenda of Clovis do Matos Piris, elev. 75 m, 26 Feb 1979, *C.E. Calderon & T.S. Santos 2486* [HT: CEPEC; IT: CANB, COL, DD, INPA, LE, MO, P, PE, PRE, US ]. T-Specim.: 1 of 1. Brazil: Bahia, 26 Feb 1979, *C.E. Calderón & T.S. Santos 2486* [HT: CEPEC; IT: MO, US-3013847, US-3013846].
DST.: Braz.
LVL. ACCPTC.: 1.

**Cryptochloa** Swallen, Ann. Missouri Bot. Gard. 29(4): 317. 1942. TYPE: *Cryptochloa variana* Swallen
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 8
CNSLTD LIT.: Soderstrom (1982a); Soderstrom (1982b); Soderstrom & Zuloaga (1983); Davidse & Pohl (1992).

**Cryptochloa capillata** (Trin.) Soderstr., Brittonia 34(2): 202, f. 2. 1982. Basionym: *Olyra capillata* Trin.
DST.: Braz, FrGu.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1991a); Renvoize (1984).
SYN.: *Olyra capillata* Trin.; *Olyra capillata* var. *capillata*; *Olyra capillata* var. *segregata* Döll; *Olyra podachne* Mez; *Raddia capillata* (Trin.) Hitchc.

**Cryptochloa concinna** (Hook. f.) Swallen, Ann. Missouri Bot. Gard. 29(4): 320. 1942. Basionym: *Olyra concinna* Hook. f.
DST.: Beli, Colo, CoRi, Guat, Hond, Mexi, Nica, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Pohl (1980); Tovar (1993).
SYN.: *Raddia concinna* (Hook. f.) Chase; *Olyra concinna* Hook. f.

**Cryptochloa decumbens** Soderstr. & Zuloaga, Brittonia 37(1): 29, f. 5. 1985. T-Protol.: Panama: Panamá: Cerro Jefe, El Cafetal, 3 Mar 1968, *C.E. Calderón 2074* [HT: PMA; IT: CANB, K, L, MO, NY, P, PE, PRE, S, SI, US ]. T-Specim.: 1 of 1. Panama: Panama,

3 Mar 1968, *C.E. Calderón 2074* [HT: PMA; IT: MO, US-2641924, US-2641923].
DST.: Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY:; Davidse, Sousa & Chater (1994).

**Cryptochloa dressleri** Soderstr., Brittonia 34(1): 25, f. 1. 1982. T-Protol.: Panama: Colón: Santa Rita, ca. 5 km E of the Carretera Transístmica, elev. 200-250 m, 27 Oct 1971, *C.E. Calderón & R.L. Dressler 2135* [HT: US; IT: K, LE, MO, NY, P, PMA ]. T-Specim.: 1 of 1. Panama: Colón, 27 Oct 1971, *C.E. Calderón & R.L. Dressler 2135* [HT: US-2690612; IT: MO, US-2690611]
DST.: Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY:; Davidse, Sousa & Chater (1994).

*Cryptochloa granulifera* Swallen, Ann. Missouri Bot. Gard. 29(4): 321. 1942. T-Protol.: Honduras: Puerto Siena, forest along Tela River, 4 Feb 1903, *Wilson 325* [HT: US ]. T-Specim.: 1 of 1. Honduras: Puerto Siena, 4 Feb 1903, *P. Wilson 325* [HT: US-829815; IT: US-979171].
= **Cryptochloa strictiflora** (E. Fourn.) Swallen

**Cryptochloa soderstromii** Davidse, Novon 2(2): 96, f. 7. 1992. T-Protol.: Panama: San Blas: Ailigandi, area along trail from ocean to waterfall on river, 0-200 ft, culms clumped, to 1 m tall, leaves dark green matte above, burgundy below, on slope along river, 7 Oct 1978, *B. Hammel & W.G. D'Arcy 4984* [HT: MO; IT: PMA, US ]. T-Specim.: 1 of 1. Panama: San Blas, 7 Oct 1978, *B. Hammel & D'Arcy 4984* [HT: MO; IT: PMA, US-2849324].
DST.: Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse & Pohl (1992); Davidse, Sousa & Chater (1994).

**Cryptochloa strictiflora** (E. Fourn.) Swallen, Ann. Missouri Bot. Gard. 29(4): 321. 1942. Basionym: *Strephium strictiflorum* E. Fourn.
DST.: CoRi, Ecua, Mexi, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Beetle (1977); Beetle (1987); Davidse, Sousa & Chater (1994); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993).
SYN.: *Cryptochloa granulifera* Swallen; *Olyra strictiflora* (E. Fourn.) Hemsl.; *Raddia strictiflora* (E. Fourn.) Chase.

**Cryptochloa unispiculata** Soderstr., Brittonia 34(2): 200, f. 1. 1982. T-Protol.: Peru: Loreto: Prov. Maynas: Río Ampiyacu, Pebas and vicinity, approx. 8.10S 71.49W, trail from Pebas to Corutu in upland primary forest, *Plowman, Schultes & Tovar 7215* [HT: US; IT: F, USM ]. T-Specim.: 1 of 1. Peru: Loreto, 3 May 1977, *T. Plowman, R.E. Schultes & O. Tovar 7215* [HT: US-2885974].
DST.: Boli, Braz, Colo, Ecua, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Renner, Balslev & Holm-Nielsen (1990); Renvoize (1998); Tovar (1993).

**Cryptochloa variana** Swallen, Ann. Missouri Bot. Gard. 29(4): 318, text f. 1942. T-Protol.: Panama: Coclé: hills north of El Valle de Antón, 1000 m, 14 Jul 1940, *P.H. Allen 2201* [HT: US ]. T-Specim.: 1 of 1. Panama: Coclé, 14 Jul 1940, *P.H. Allen 2201* [HT: US-1791492, IT: US-1791491].
DST.: Cari, Colo, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Molina R. (1975).

*Dendragrostis anelytra* Nees ex Munro, Trans. Linn. Soc. London 26(1): 63. 1868.
NOTE: nom. inval., as syn. of *Chusquea anelytra* Nees
= **Chusquea anelythra** Nees

*Dendrocalaminae* subtrib. Benth., J. Linn. Soc., Bot. 19: 31. 1881.
= **Bambusinae** subtrib. J. Presl

## Dendrocalamopsis

(L.C. Chia & H.L. Fung) Keng f., J. Bamboo Res. 2: 11. 1983. Basionym: *Bambusa* subg. *Dendrocalamopsis* L.C. Chia & H.L. Fung
TRTD. BY: Soreng, R. J.
NHT: Bambusinae. SPP.: 2
CNSLTD LIT.: Geng & Wang (1996).
SYN.: *Dendrocalamopsis oldhamii* (Munro) Keng f.; *Sinocalamus oldhamii* (Munro) McClure; *Sinocalamus* McClure.

**Dendrocalamopsis beecheyana** (Munro) Keng f., J. Bamboo Res. 2(1): 12. 1983. Basionym: *Bambusa beecheyana* Munro
DST.: Braz, Colo, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa beecheyana* Munro; *Sinocalamus beecheyanus* (Munro) McClure.

**Dendrocalamopsis oldhamii** (Munro) Keng f., J. Bamboo Res. 2(1): 12. 1983. Basionym: *Bambusa oldhamii* Munro
DST.: Cari, Colo, CoRi, ElSa, Guat, Hond, Mexi, Pana, Peru, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundarbor oldhamii* (Munro) Kuntze; *Bambusa oldhamii* Munro; *Leleba oldhamii* (Munro) Nakai; *Sinocalamus oldhamii* (Munro) McClure.

## Dendrocalamus

Nees, Linnaea 9(4): 476. 1835. TYPE: *Dendrocalamus strictus* (Roxb.) Nees
TRTD. BY: Soreng, R. J.
NHT: Bambusinae. SPP.: 6
CNSLTD LIT.: Young & Haun (1961); Geng & Wang (1996).
SYN.: *Klemachloa* R. Parker; *Neosinocalamus* Keng f.; *Patellocalamus* W.T. Lin; *Sellulocalamus* W.T. Lin.

**Dendrocalamus asper** (Schult. & Schult. f.) Backer ex K. Heyne, Nutt. Pl. Ned.-Ind. (ed. 2) 1: 301. 1927. Basionym: *Bambusa aspera* Schult. & Schult. f.
DST.: Braz, Cari, Ecua, Hond, Pana, Peru, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Dransfield (1992); Holttum (1958); Jørgensen & León-Yánez (1999); Molina R. (1975); Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa aspera* Schult. & Schult. f.; *Gigantochloa aspera* (Schult. & Schult. f.) Kurz.

*Dendrocalamus balcooa* (Roxb.) Voigt, Hort. Suburb. Calcutt. 718. 1845. Basionym: *Bambusa balcooa* Roxb.
= **Bambusa balcooa** Roxb.

*Dendrocalamus curranii* Gamble, Philipp. J. Sci. 5: 271. 1910. T-Specim.: 1 of 1. Philippines: Luzon I., Quezon Prov., Mar 1908, *H.M. Curran FOR BUR. 10177* [ST: US {00133483}], OS.
= **Gigantochloa levis** (Blanco) Merr.

**Dendrocalamus giganteus** Wall. ex Munro, Trans. Linn. Soc. London 26(1): 150. 1868. T-Specim.: 1 of 5. Hab. in Pulo Penang, *Wallich s.n.* [ST]. 2 of 5. Tenasserim, *Brandis* [ST]. 3 of 5. cult. in Bot. Gard. Calcutta, *Herb. Munro* [LT: K], LT designated by Stapleton, Edin. J. Bot. 51: 23 (1994). 4 of 5. cult. in Bot. Gard. Calcutta, *Anderson s.n.* [ST]. 5 of 5. Hort. Sion et Kew, *Anon.* [ST].
DST.: Cari, Pana, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Berendsohn & Araniva de González (1991); Dransfield & Widjaja (1995); Filgueiras (1991); Holttum (1958); Jørgensen & León-Yánez (1999); Smith, Wasshausen & Klein (1981); Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa gigantea* Wall. ex Munro; *Sinocalamus giganteus* (Wall. ex Munro) A. Camus.

**Dendrocalamus latiflorus** Munro, Trans. Linn. Soc. London 26(1): 152, t. 6. 1868. T-Specim.: 1 of 4. Hong Kong:, no date, *C. Wright 1050* [ST: US-2875367]. 2 of 4. China, *Hance 740* [ST]. 3 of 4. China, *Harland s.n.* [ST]. 4 of 4. Formosa, *Oldham 649* [ST].
DST.: Braz, Cari, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa latiflora* (Munro) Kurz; *Sinocalamus latiflorus* (Munro) McClure.

**Dendrocalamus membranaceus** Munro, Trans. Linn. Soc. London 26(1): 149. 1868. T-Specim.: 1 of 3. Burma: Martaban, Trogla, 12 Mar 1827, *Wallich Cat. 5029* [LT: K; ILT: K-W], LT designated by Stapleton & Xia, Kew Bull. 52: 238 (1997). 2 of 3. Tenasserim, *Brandis s.n.* [ST]. 3 of 3. Tenasserim, *Lobb s.n.* [ST].
DST.: Cari, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Zarucchi, Funston, et alii. (ined.).

**Dendrocalamus sikkimensis** Gamble ex Oliv., Hooker's Icon. Pl. 18(3): t. 1770. 1888.
DST.: Cari, Hond.
LVL. ACCPTC.: 2; cultivated, introduced.
ALSO ACCPTD BY: Molina R. (1975); Zarucchi, Funston, et alii. (ined.).

**Dendrocalamus strictus** (Roxb.) Nees, Linnaea 9(4): 476-477. 1835. Basionym: *Bambos stricta* Roxb.
DST.: Braz, Cari, Guat, Hond, Pana, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Gibbs Russell et al. (1987); Holttum (1958); McClure (1955); Molina R. (1975); Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambos stricta* Roxb.; *Bambusa stricta* (Roxb.) Roxb.; *Bambusa stricta* Roxb.; *Nastus strictus* (Roxb.) Sm.

*Dendrocalamus tulda* (Roxb.) Voigt, Hort. Suburb. Calcutt. 718. 1845. Basionym: *Bambusa tulda* Roxb.
= **Bambusa tulda** Roxb.

## Diandrolyra

**Diandrolyra** Stapf, Bull. Misc. Inform. Kew 1906: 204. 1906. TYPE: *Diandrolyra bicolor* Stapf
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 3
CNSLTD LIT.: Soderstrom & Zuloaga (1985b).

**Diandrolyra bicolor** Stapf, Bull. Misc. Inform. Kew 1906: 204. 1906. T-Protol.: Cultivated: Native country unknown. Raised at Kew from seeds communicated by Messers. Sander & Son.[HT: K ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Diandrolyra tatianae** Soderstr. & Zuloaga, Brittonia 37(1): 2, f. 1. 1985. T-Protol.: Brazil: State of São Paulo: Mun. Ubatuba: 15 km NE of Ubatuba near Praia do Lázaro, 23.22S, 44.55W, alt. 15, undisturbed forest at edge of maountain stream, roacky ledges abundant, vegetation dense, the very shaded undergrowth consisting principally of Begonia, Dorstenia, ferns, shrubs of Rubiaceae, abundant rhizomatous grasses growing on rocky ledges, a few culms in flower but most inflorescences past maturity, seedlings common, 16 May 1972, *T.R. Soderstrom & Tatiana Sendulsky 1993* [HT: SP; IT: CANB, K, L, NY, P, PRE, SI, US ]. T-Specim.: 1 of 1. Brazil: São Paulo: Ubatuba Mun., 16 May 1972, *T.R. Soderstrom & T. Sendulsky 1993* [HT: SP; IT: US-2725487, US-2725486, US-2725485].
DST.: Braz.
LVL. ACCPTC.: 1.

*Digitaria pulchella* Griseb., Cat. Pl. Cub. 231. 1866. T-Protol.: Cuba or., *C. Wright 3448* [HT: GOET ]. T-Specim.: 1 of 1. Cuba: Oriente: Yunque de Baracoa, on vertical cliffs, 8 Jun 1856, *C.H. Wright 3448* [HT: GOET(fragm., US-865842); IT: GH, LE, MO, NY].

= **Mniochloa pulchella** (Griseb.) Chase

**Dinochloa scandens** (Blume) Kuntze, Revis. Gen. Pl. 1: 773. 1891. Basionym: *Bambusa scandens* Blume
LVL. ACCPTC.: 1; excluded, not in the New World flora.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Dransfield (1981); Dransfield (1996); Holttum (1958).
SYN.: *Chusquea amplopaniculata* Steud.

*Diplax* Sol. ex Benn., Pl. Jav. Rar. 11. 1838. TYPE: *Diplax avenacea* Raoul; LT designated by Raoul, Ann. Sci. Nat. Bot. (sér. 3) 2: 116 (1844)
= **Ehrharta** Thunb.

**Ehrharta** Thunb., Kongl. Vetensk. Acad. Handl. 40: 217. 1779. TYPE: *Ehrharta capensis* Thunb.
NOTE: nom. cons.
TRTD. BY: Soreng, R. J.
NHT: Ehrharteae. SPP.: 2
SYN.: *Diplax* Sol. ex Benn.; *Trochera* Rich.

**Ehrharta calycina** Sm., Pl. Icon. Ined. 33. 1789. T-Protol.: E. Promontoria Bonne Spei, *Sparrman s.n.* [HT: LINN ].
DST.: USA.
LVL. ACCPTC.: 1; introduced.
ALSO ACCPTD BY: Anonymous (1986); Bor (1960); Edgar, Connor & Shand (1991); Hickman (1993); Hitchcock (1951); Munz (1968); Munz (1974); Rosengurtt, Arrillaga de Maffei & Izaguirre de Artuco (1970).

**Ehrharta erecta** Lam., Encycl. 2: 347. 1786. T-Protol.: Africa or India, *M. Sonnerat s.n.*, "La collection de Graminees que M. Sonnerat nous a communiquee; mais nous ne savons pas positivement si ell est du Cap,.ou si elle est de l'Inde.
DST.: USA.
LVL. ACCPTC.: 1; introduced.
ALSO ACCPTD BY: Anonymous (1986); Bor (1960); Edgar, Connor & Shand (1991); Hickman (1993); Hitchcock (1951); Munz & Keck (1959); Munz (1974).

**Ehrharteae** trib. Nevski, Trudy Bot. Inst. Akad. Nauk S.S.S.R., Ser. 1, Fl. Sist. Vyssh. Rast. 4: 227. 1937. TYPE: *Ehrharta* Thunb.
TRTD. BY: The authors.
NHT: Ehrhartoideae.

*Ehrhartia* F.H. Wigg., Prim. Fl. Holsat. 63. 1780. TYPE: *Ehrhartia clandestina* F.H. Wigg.
NOTE: nom. illeg. superfl.
= **Leersia** Sol. ex Sw.

*Ehrhartia clandestina* F.H. Wigg., Prim. Fl. Holsat. 64. 1780. T-Protol.: Abundat ad paludes prope Viehburg & Preez; Preetz: Prussia, Holstein.
REPLACED NAME: *Phalaris oryzoides* L.
= **Leersia oryzoides** (L.) Sw.

**Ehrhartoideae** subfam. Link, Hort. Berol. 1: 233. 1827. TYPE: *Ehrharta* Thunb.
NOTE: as *"Ehrhartinae"*
TRTD. BY: The authors.
SYN.: subfam. *Ehrhartoideae* Jacq. - Fél.; subfam. *Ehrhartoideae* Jacq.-Fél. ex Caro; subfam. *Oryzoideae* Burmeist.; subfam. *Oryzoideae* Parodi; subfam. *Oryzoideae* Parodi ex Caro; *Oryzoideae* Kunth ex Beilschm.

**Ekmanochloa** Hitchc., Man. Grasses W. Ind. 374. 1936. TYPE: *Ekmanochloa subaphylla* Hitchc.
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 2
CNSLTD LIT.: Zuloaga, Morrone & Judziewicz (1993).

**Ekmanochloa aristata** Ekman, Man. Grasses W. Ind. 377, f. 343B. 1936. T-Protol.: Cuba: Oriente: collected In carrascales-pinales, between Taco and Nibujon, very rare, 4 Dec. 1914, *E.L. Ekman 3729* [HT: US-1385553; IT: S ]. T-Specim.: 1 of 1. Cuba: Oriente, 4 Dec 1914, *E.L. Ekman 3729* [HT: US-1385553].
DST.: Cari.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Hitchcock (1936); Zuloaga, Morrone & Judziewicz (1993).

**Ekmanochloa subaphylla** Hitchc., Man. Grasses W. Ind. 375, f. 343A. 1936. T-Protol.: Cuba: Oriente: Sierra de Nipe: collected on overhanging limestone rocks of Loma Picote, alt. 500 m, 2 Nov. 1922, *E.L. Ekman 9870 [=Amer. Grass Natl. Herb. 1016]* [HT: US-1259999; IT: US ]. T-Specim.: 1 of 1. Cuba: Oriente, 2 Nov 1922, *E.L. Ekman s.n. [1016]* [HT: US-1259999; IT: NY, US-3110792].
DST.: Cari.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Zuloaga, Morrone & Judziewicz (1993).

*Elymus* J. Mitch., 32. 1769. ; T: non designated
NOTE: hom. illeg.
= **Zizania** L.

**Elytrostachys** McClure, J. Wash. Acad. Sci. 32(6): 173, f. 4-6. 1942. TYPE: *Elytrostachys typica* McClure
TRTD. BY: Judziewicz.
NHT: Arthrostylidiinae. SPP.: 2
CNSLTD LIT.: McClure (1973); Judziewicz (1992).

**Elytrostachys clavigera** McClure, J. Wash. Acad. Sci. 32(6): 176, f. 5, 6. 1942. T-Protol.: Colombia: Bolívar: along the Norosi-Tiquisio Trail, Lands of Loba, growing wild in inaccessible mountain region, *Curran 123* [HT: US-1062456, US-1062457, US-1062458, US-1062459 ]. T-Specim.: 1 of 1. Colombia: Bolívar: Lands of Loba; growing wild in inaccessible mountain region, alt. 150-600 m, along the Norosi-Tiquisio trail, Apr 1916 to May 1916, *H.M. Curran 123* [HT: US-1062456, US-1062457,

US-1062458, US-1062459].
DST.: Colo, CoRi, Hond, Nica, Pana, Para.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); McClure (1973); Pohl (1980);.

**Elytrostachys typica** McClure, J. Wash. Acad. Sci. 32(6): 174, f. 4. 1942. T-Protol.: Venezuela: Distrito Federal: Valle Puerto La Cruz, in the edge of a monsoon forest near El Limón, 21 Feb 1921, *Pittier 9226* [HT: VEN; IT: US ]. T-Specim.: 1 of 1. Venezuela: Federal District: Valle Puerto La Cruz: in the edge of a monsoon forest near El Limon,, alt. 600 m, 21 Feb 1921, *H. Pittier 9226* [HT: VEN; IT: US-1067333].
DST.: Colo, Hond, Vene.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: McClure (1973); Molina R. (1975).

*Endodia* Raf., Neogenyton 4. 1825. TYPE: *Leersia lenticularis* Michx.
= **Leersia** Sol. ex Sw.

*Endodia lenticularis* Raf. ex B.D. Jacks., Index Kew. 1: 840. 1893.
NOTE: nom. inval., as syn. of *Leersia lenticularis* Michx.
= **Leersia lenticularis** Michx.

**Eremitis** Döll, Fl. Bras. 2(2): 338. 1877. TYPE: *Eremitis monothalamia* Döll; nom. illeg. superfl. **Pariana parviflora** Trin.
TRTD. BY: Hollowell, V. C.
NHT: Parianinae. SPP.: 1 (ca. 5?)
CNSLTD LIT.: Hollowell (1989).

*Eremitis monothalamia* Döll, Fl. Bras. 2(2): 338, t. 48. 1877. T-Protol.: Brasilia: In silvis umbrosis prope Castelnovo provinciae Bahiensis, *Riedel 1591*, same type as Pariana parviflora Trin. T-Specim.: 1 of 1. Brazil: Bahia, *Riedel 1591* [HT: LE].
NOTE: nom. illeg. superfl.
CORRECT NAME: *Pariana parviflora* Trin.
= **Eremitis parviflora** (Trin.) C.E. Calderón & Soderstr.

**Eremitis parviflora** (Trin.) C.E. Calderón & Soderstr., Smithsonian Contr. Bot. 44: 20. 1980. Basionym: *Pariana parviflora* Trin.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Renvoize (1984).
SYN.: *Eremitis monothalamia* Döll; *Eremitis parviflora* (Trin.) C.E. Calderón & Soderstr.; *Pariana microstachya* Döll; *Pariana monothalmia* (Döll) Tutin; *Pariana parviflora* Trin.

**Eremocaulon** Soderstr. & Londoño, Amer. J. Bot. 74(1): 37. 1987. TYPE: *Eremocaulon aureofimbriatum* Soderstr. & Londoño
TRTD. BY: Judziewicz.
NHT: Guaduinae. SPP.: 1
CNSLTD LIT.: Soderstrom & Londoño (1987).

**Eremocaulon aureofimbriatum** Soderstr. & Londoño, Amer. J. Bot. 74(1): 37, f. 3, 4, 5d, 5e. 1987. T-Protol.: Brazil: Bahia: Mun. of Jaguaquara: 9 km NW of Apurema, at edge of road, disturbed area of forest, elev. 250 m, 10 Apr 1976, *C.E. Calderón, T.S. Santos & L.B. de Oliveira 2374* [HT: CEPEC; IT: DD, INPA, K, LE, PE, US ]. T-Specim.: 1 of 1. Brazil: Bahia, Jaguaquara Mun., 10 Apr 1976, *C.E. Calderón et al. 2374* [HT: CEPEC; IT: US-2925824, US-2925825, US-2925826, US-2925827, US-2925828, US-2925829].
DST.: Braz.
LVL. ACCPTC.: 1.

**Fargesia** Franch., Bull. Mens. Soc. Linn. Paris 2: 1067. 1893. TYPE: *Fargesia spathacea* Franch.
TRTD. BY: Soreng, R. J.
NHT: Arundinariinae. SPP.: 3
CNSLTD LIT.: Geng & Wang (1996).

**Fargesia murielae** (Gamble) T.P. Yi, J. Bamboo Res. 2(1): 39. 1983. Basionym: *Arundinaria murielae* Gamble
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).
SYN.: *Sinarundinaria murieliae* (Gamble) Nakai.

**Fargesia nitida** (Mitford) Keng f. ex T.P. Yi, J. Bamboo Res. 6(4): 14. 1987. Basionym: *Arundinaria nitida* Mitford
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundinaria nitida* Mitford ex Stapf; *Sinarundinaria nitida* (Mitford) Nakai; *Thamnocalamus nitidus* (Mitford) Demoly.

**Fargesia spathacea** Franch., Bull. Mens. Soc. Linn. Paris 2: 1067. 1893. T-Protol.: China: Sy-tchuen Oriental, dans les montagnes de district de Tchen-Kéou-tin, *M. Farges s.n.*
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).

*Fartis* Adans., Fam. Pl. 2: 37, 557. 1763.
NOTE: nom. superfl. pro *Zizania*
= **Zizania** L.

*Festuca grandiflora* Lam., Tabl. Encycl. 1: 191. 1791. T-Protol.: USA: E. Carolina, *Fraser s.n.* T-Specim.: 1 of 1. USA: North Carolina / South Carolina, no date, *J. Fraser s.n.* [HT: P; IT: US-2875419].
= **Arundinaria gigantea** (Walter) Muhl.

**Froesiochloa** G.A. Black, Bol. Tecn. Inst. Agron. N. 20: 29, pl. 1. 1950. TYPE: *Froesiochloa boutelouoides* G.A. Black
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 1
CNSLTD LIT.: Judziewicz (1991a).

**Froesiochloa boutelouoides** G.A. Black, Bol. Tecn. Inst. Agron. N. 20: 30, pl. 1. 1950. T-Protol.: Habitat in Brasiliae Territorio Amapá, in silva primaria non inundata secus Igarapé Nataia fluminis Oiapoque tributarium, 5 Feb 1950, *R.L. Fróes 25861* [HT: IAN ]. T-Specim.: 1 of 1. Brazil: Amapá: Rio Oiapoque, Igarape Nataia, *Froes 25861* [HT: IAN(fragm., US)].
DST.: Braz, FrGu.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1991a).

**Gigantochloa** Kurz ex Munro, Trans. Linn. Soc. London 26(1): 123. 1868. TYPE: *Gigantochloa atter* (Hassk.) Kurz; LT designated by Holttum, Taxon 5: 28-30 (1956)
TRTD. BY: Soreng, R. J.
NHT: Bambusinae. SPP.: 3
CNSLTD LIT.: Young & Haun (1961); Geng & Wang (1996).

**Gigantochloa apus** (Schult. & Schult. f.) Kurz, Natuurk. Tijdschr. Ned.-Indie 27: 226. 1864. Basionym: *Bambusa apus* Schult. & Schult. f.
DST.: Braz, Cari, CoRi, Guat.
LVL. ACCPTC.: 2; cultivated, introduced.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Holttum (1958); McClure (1955); Molina R. (1975).
SYN.: *Bambusa apus* Schult. & Schult. f.; *Schizostachyum apus* (Schult. & Schult. f.) Steud.

*Gigantochloa aspera* (Schult. & Schult. f.) Kurz, Indian Forester 1: 221. 1876. Basionym: *Bambusa aspera* Schult. & Schult. f.
= **Dendrocalamus asper** (Schult. & Schult. f.) Backer ex K. Heyne

**Gigantochloa levis** (Blanco) Merr., Amer. J. Bot. 3(2): 61. 1916. Basionym: *Bambusa levis* Blanco
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Dransfield (1992); Holttum (1958).
SYN.: *Arundarbor levis* (Blanco) Kuntze; *Bambusa levis* Blanco; *Dendrocalamus curranii* Gamble; *Gigantochloa scribneriana* Merr.

*Gigantochloa scribneriana* Merr., Philipp. J. Sci. 1(Suppl.): 390. 1906. T-Specim.: 1 of 2. Philippines: Cuyo Is., Palawan Prov., Dec 1902, *F.L. Scribner 14* [IT: US {00132137}], OS. 2 of 2. Philippines:, – Dec 1902, *F.L. Scribner 14* [TYPE COLLECTION: US {00035823}], OS.
= **Gigantochloa levis** (Blanco) Merr.

**Gigantochloa verticillata** (Willd.) Munro, Trans. Linn. Soc. London 26(1): 123, 124. 1868. Basionym: *Bambusa verticillata* Willd.
DST.: Colo, Guat, Hond, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Jørgensen & León - Yánez (1999); McClure (1955); Molina R. (1975); Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa verticillata* Willd.

**Glaziophyton** Franch., J. Bot. (Morot) 3(17): 277, f. A. 1899. TYPE: *Glaziophyton mirabile* Franch.
TRTD. BY: Judziewicz.
NHT: Arthrostylidiinae. SPP.: 1
CNSLTD LIT.: McClure (1973).
SYN.: *Arundinaria* sect. *Glaziophyton* (Franch.) Hack.

**Glaziophyton mirabile** Franch., J. Bot. (Morot) 3(17): 277, f. A. 1889. T-Specim.: 1 of 3. Brazil: Rio de Janeiro: Hab. in vicinitate urbis Rio de Janeiro, ad caecumina Tinguá, 7 Jun 1877, *A.F.M. Glaziou 8999* [ST: P, US-2876359]. 2 of 3. Brazil: Rio de Janeiro: in monte Morro da Bandeira prope Petropolin, no date, *A.F.M. Glaziou 14383* [ST: P, US-2876358]. 3 of 3. Brazil: Rio de Janeiro: ad caecumina Serra dos Órgaos, *Glaziou 17914* [ST: P].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973).
SYN.: *Arundinaria mirabile* (hort. ex Burb.) Hack.

**Guadua** Kunth, J. Phys. Chim. Hist. Nat. Arts 95: 150. 1822. TYPE: *Guadua angustifolia* Kunth; LT designated by McClure, Taxon 6(7): 203 (1957)
TRTD. BY: Londoño, X.
NHT: Guaduinae. SPP.: 26
CNSLTD LIT.: Davidse & Pohl (1992); Clark & Londoño (1991b); Londoño & Davidse (1991); Londoño & Judziewicz (1991); Londoño & Peterson (1991); Young & Judd (1992); McClure (1973).
SYN.: *Bambusa* sect. *Guadua* (Kunth) Hack.; *Bambusa* subg. *Guadua* (Kunth) Hack.

*Guadua aculeata* Rupr. ex E. Fourn., Compt. Rend. Hebd. Seances Acad. Sci. 84: 198. 1877.
NOTE: nom. nud.

**Guadua aculeata** Rupr. ex E. Fourn., Mexic. Pl. 2: 130. 1886. T-Specim.: 1 of 7. Mexico: Colipa, Mar 1841, *F.M. Liebmann 137* [ST: US-1021600]. 2 of 7. Mexico: Colipa, Mar 1841, *F.M. Liebmann 141* [ST: US-1021598]. 3 of 7. Mexico: Colipa, Mar 1841, *F.M. Liebmann 142* [ST: US-1021596]. 4 of 7. Mexico, Mar 1841, *W.F. von Karwin Karwinski 945* [ST: US-1021602]. 5 of 7. Mexico: Colipa, Mar 1841, *F.M. Liebmann 131* [ST: US-1021599]. 6 of 7. Mexico: Colipa, Mar 1841, *F.M. Liebmann 137* [ST: US-79117]. 7 of 7. Mexico: Veracruz: Colipa, Mar 1841, *W.F. von Karwin Karwinsky 944* [LT: LE(fragm. US-1021603)], LT designated by Young & Judd, Ann. Missouri Botanical Gard. 79: 761 (1992).
DST.: ElSa, Guat, Hond, Mexi, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Berendsohn & Araniva de González (1991); McClure (1955); Molina R. (1975).
SYN.: *Bambusa aculeata* (Rupr. ex E. Fourn.) Hitchc.; *Guadua aculeata* var. *aculeata*; *Guadua aculeata* var. *liebmanniana* E.G. Camus; *Guadua inermis* Rupr. ex E. Fourn.; *Guadua intermedia* Rupr. ex E. Fourn.

*Guadua aculeata* Rupr. ex E. Fourn. var. *aculeata*
= **Guadua aculeata** Rupr. ex E. Fourn.

*Guadua aculeata* var. *liebmanniana* E.G. Camus, Bambusees 1: 112. 1913. T-Specim.: 1 of 2. Mexico, Apr 1841, *F.M. Liebmann 135* [ST: US-1021601(fragm.)]. 2 of 2. Mexico: Veracruz: Colipa, Mar 1841, *F.M. Liebmann 136* [LT: US-207512], LT designated by Young & Judd, Ann. Missouri Bot. Gard. 79: 762 (1992).

= **Guadua aculeata** Rupr. ex E. Fourn.

**Guadua amplexifolia** J. Presl, Reliq. Haenk. 1(4-5): 256. 1830. T-Protol.: Hab. in Mexico, *Haenke s.n.* T-Specim.: 1 of 1. Mexico:, no date, *T. Haenke s.n.* [HT: PR; IT: US-791160].

DST.: CoRi, ElSa, Hond, Mexi, Nica, Pana, Vene.

LVL. ACCPTC.: 1; cultivated.

ALSO ACCPTD BY: Berendsohn & Araniva de González (1991); Davidse, Sousa & Chater (1994); Molina R. (1975);.

SYN.: *Arundarbor amplexifolia* (J. Presl) Kuntze; *Bambusa amplexifolia* (J. Presl) Schult. f.

**Guadua angustifolia** Kunth, Syn. Pl. 1: 253. 1822.

REPLACED NAME: **Bambusa guadua** Bonpl.

DST.: Arge, Braz, Colo, CoRi, Ecua, ElSa, Guat, Guya, Hond, Mexi, Nica, Pana, Para, Peru, Urug, Vene.

LVL. ACCPTC.: 1; cultivated.

ALSO ACCPTD BY: Berendsohn & Araniva de González (1991); Brako & Zarucchi (1993); Burkart (1969); Davidse, Sousa & Chater (1994); Döll (1880); Hitchcock (1927); Jørgensen & León-Yánez (1999); Judziewicz (1991a); Macbride (1936); McClure (1955); Rosengurtt, Arrillaga de Maffei & Izaguirre de Artuco (1970); Steyermark et al. (1995); Young & Judd (1992); Zuloaga et al. (1994).

SYN.: *Bambusa guadua* Bonpl.; *Bambusa guadua* subsp. *guadua*; *Nastus guadua* (Bonpl.) Spreng.

*Guadua angustifolia* Kunth subsp. *angustifolia*

= **Guadua angustifolia** var. **angustifolia**

**Guadua angustifolia** Kunth var. **angustifolia**

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Clark (1997).

**Guadua angustifolia** var. **bicolor** Londoño, Revista Acad. Colomb. Ci. Exact. 65: 379. 1989. T-Protol.: Colombia: Cundinamarca: via Honda-Guaduas, km 119, 930 m, 29 Jan 1987, *Londoño & Quintero 70* [HT: COL; IT: COL, TULV ]. T-Specim.: 1 of 1. Colombia: Cundinamarca, 29 Jan 1987, *X. Londoño & I. Quintero 70* [HT: COL; IT: COL, US-3115984, US-3170249, US-3170250, US-3115985, TULV].

DST.: Colo.

LVL. ACCPTC.: 1; cultivated.

*Guadua angustifolia* subsp. *chacoensis* (Rojas) S.M. Young & Judd, Ann. Missouri Bot. Gard. 79(4): 763. 1992. Basionym: *Bambusa chacoensis* Rojas

= **Guadua chacoensis** (Rojas) Londoño & P.M. Peterson

**Guadua angustifolia** var. **nigra** Londoño, Novon 8(4): 423. 1998. T-Protol.: Colombia: Quindio: Mun. Montenegro: ca. 10 km W of Montenegro, 1200 m, 11 Mar 1996, *X. Londoño 960* [HT: COL; IT: HUQ, TULV, US].

DST.: Colo.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Londoño & Clark (1998).

**Guadua calderoniana** Londoño & Judz., Novon 1(1): 27, f. 1,2. 1991. T-Protol.: Brazil: Bahia: Mun. Ilheus: ca. 30 km SW of Olivenca on road to Vila Brasil near Rio Maroim, in flower, 22 Feb. 1979, *C. E. Calderón & T. S. dos Santos 2476* [HT: CEPEC; IT: B, CANB, COL, CTES, F, G, ISC, K, LE, MO, NY, P, PE, PRE, SGO, SI, SP, TULV, US(3 sheets), USCH, W, WIS]. T-Specim.: 1 of 1. Brazil: Bahia: Ilheus Mun., 22 Feb 1979, *C.E. Calderón & T.S. Santos 2476* [HT: CEPEC; IT: US-3129983, US-3129982, 3129981].

DST.: Braz.

LVL. ACCPTC.: 1.

**Guadua capitata** (Trin.) Munro, Trans. Linn. Soc. London 26(1): 81, 123. 1868. Basionym: *Bambusa capitata* Trin

DST.: Braz.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Filgueiras (ined.).

SYN.: *Arundarbor capitata* (Trin.) Kuntze; *Bambusa capitata* Trin.; *Schizostachyum capitatum* (Trin.) Rupr.

**Guadua chacoensis** (Rojas) Londoño & P.M. Peterson, Novon 2(1): 41. 1992. Basionym: *Bambusa chacoensis* Rojas

DST.: Arge, Boli, Braz, Para.

LVL. ACCPTC.: 1; cultivated.

ALSO ACCPTD BY: Renvoize (1998); Zuloaga et al. (1994).

SYN.: *Bambusa chacoensis* Rojas; *Guadua angustifolia* subsp. *chacoensis* (Rojas) S.M. Young & Judd.

**Guadua ciliata** Londoño & Davidse, Novon 1(1): 21, f. 1-2. 1991. T-Protol.: Venezuela: Terr. Fed. Amazonas: Dpto. Atabapo, Cucurital de Caname, S. bank of the middle part of Caño Caname, 3.40'N, 67.22'W, ca. 100 m, edge of forest, with Mauritia, seasonally inundated and hummocky, 30 Apr.-1 May 1979, *G. Davidse, O. Huber & S. S. Tillet 16924* [HT: MO; IT: INPA, K, SI, TULV, US, VEN ]. T-Specim.: 1 of 1. Venezuela: Amazonas: Atabapo Dept., 30 Apr 1979, *G. Davidse, O. Huber & S.S. Tillett 16924* [HT: MO; IT: US-2889207, US-2889208, US-2889205, US-2889206].

DST.: Braz, Vene.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Steyermark et al. (1995).

*Guadua dioica* Steud., Syn. Pl. Glumac. 1: 334. 1854. T-Protol.: Legit in Guiana gallic, *Leprieur s.n.* T-Specim.: 1 of 1. French Guiana, 1834, *Leprieur 243* [HT: P].

= **Guadua macrostachya** Rupr.

*Guadua distorta* (Nees) Rupr., Bambuseae 41, t. 16, f. 59. 1839. Basionym: *Bambusa distorta* Nees

= **Guadua tagoara** (Nees) Kunth

*Guadua exaltata* Döll, Fl. Bras. 2(3): 181. 1880. T-Protol.: Venezuela: Colonia Tovar, *Moritz 1685*.
NOTE: nom. illeg. superfl.
CORRECT NAME: *Arthrostylidium longiflorum* Munro
= **Arthrostylidium longiflorum** Munro

*Guadua fascicularis* Döll, Fl. Bras. 2(3): 186. 1880.
DST.: Guya, Vene.
LVL. ACCPTC.: 3.
ALSO ACCPTD BY: Steyermark et al. (1995).

*Guadua flabellata* E. Fourn., Biol. Cent.-Amer., Bot. 3: 588. 1885. T-Protol.: Mexico: peak of Orizaba, 9000 ft, *Liebmann s.n.* T-Specim.: 1 of 1. Mexico: Veracruz: Orizaba, 9000 ft, Sep 1841, *F.M. Liebmann 132* [HT: C(fragm., US-207511)], Erroneously cited as Liebmann 131.
= **Chusquea bilimekii** E. Fourn.

*Guadua glaziovii* (Hack.) E.G. Camus, Bambusees 1: 108. 1913. Basionym: *Bambusa glaziovii* Hack.
= **Guadua tagoara** (Nees) Kunth

**Guadua glomerata** Munro, Trans. Linn. Soc. London 26(1): 79. 1868. T-Protol.: Habitat in Brasilia, in vicinibus Barra, Gapo de Rio Negro, *Spruce 1196*. T-Specim.: 1 of 1. Brazil: Amazonas: Rio Negro, *Spruce 1196* [HT: K(fragm., US-79114); IT: BM, NY, P].
DST.: Braz, Ecua, FrGu, Guya, Peru, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); Jørgensen & León-Yánez (1999); Judziewicz (1991a); Renvoize (1998); Steyermark et al. (1995); Tovar (1993).
SYN.: *Bambusa glomerata* (Munro) McClure.

*Guadua inermis* Rupr. ex E. Fourn., Mexic. Pl. 2: 129. 1886. T-Specim.: 1 of 2. Mexico: Veracruz: Papantla, no date, *W.F. von Karwin Karwinski 946b* [LT: LE(fragm., US-79113)], LT designated by Young & Judd, Ann. Missouri Bot. Gard. 79: 761 (1992). 2 of 2. Mexico: Colipa, Mar 1841, *F.M. Liebmann 138* [ST: US-1021604].
= **Guadua aculeata** Rupr. ex E. Fourn.

*Guadua intermedia* Rupr. ex E. Fourn., Mexic. Pl. 2: 130. 1886. T-Protol.: Mexico: Papantla, *Karwinsky 1464* [HT: LE ]. T-Specim.: 1 of 1. Mexico: Veracruz: Papantla, no date, *W.F. von Karwin Karwinski 1464* [HT: LE(fragm., US-79111)].
= **Guadua aculeata** Rupr. ex E. Fourn.

**Guadua latifolia** (Bonpl.) Kunth, Syn. Pl. 1: 254. 1822. Basionym: *Bambusa latifolia* Bonpl.
DST.: Braz, Cari, FrGu, Guya, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); Hitchcock (1936); Judziewicz (1991a); Londoño & Davidse (1991); Steyermark et al. (1995).
SYN.: *Arundarbor latifolia* (Bonpl.) Kuntze; *Bambusa fragilis* Spruce ex Munro; *Bambusa latifolia* Bonpl.; *Nastus latifolia* (Bonpl.) Spreng.

*Guadua lindmanii* E.G. Camus, Bambusees 1: 113. 1913.
= **Merostachys** Spreng.

*Guadua longifimbriata* E.G. Camus, Bambusees 1: 113. 1913. T-Protol.: Brasil, *Glaziou 5717*. T-Specim.: 1 of 1. Brazil: Rio de Janeiro, 29 Feb 1872, *A.F.M. Glaziou 5717* [IT: US-1021625].
= **Guadua tagoara** (Nees) Kunth

**Guadua longifolia** (E. Fourn.) R.W. Pohl, Novon 2(2): 92 1992. Basionym: *Arundinaria longifolia* E. Fourn.
DST.: Beli, Guat, Hond, Mexi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse & Pohl (1992); Davidse, Sousa & Chater (1994);.
SYN.: *Arthrostylidium longifolium* (E. Fourn.) E. G. Camus; *Arthrostylidium spinosum* Swallen; *Arundinaria longifolia* E. Fourn.; *Arundinaria longifolia* E. Fourn. ex Hemsl.; *Bambusa longifolia* (E. Fourn.) McClure; *Bambusa swalleniana* McClure; *Guadua spinosa* (Swallen) McClure.

*Guadua macclurei* R.W. Pohl & Davidse, Revista Biol. Trop. 39(1): 120. 1991[1992].
NOTE: nom. nud.
CORRECT NAME: *Guadua macclurei* R. W. Pohl & Davidse
= **Guadua macclurei** R.W. Pohl & Davidse

**Guadua macclurei** R.W. Pohl & Davidse, Novon 2(2): 92, f. 5. 1992. T-Protol.: Honduras: Gracias a Díos: along Río Plátano S of Ras, Moravian Mission Settlement called Las Marías or Batiuk, 16 Dec 1977, elev. 50 m, culms over 10 m long, arching, with numerous elongate spreading branches, this colony vegetative except for one branch 1.5 m long, species is abundant along lower Río Plátano, some colonies blooming, *R. W. Pohl & M. Gabel 13340* [HT: ISC; IT: F, MO ].
REPLACED NAME: **Guadua macclurei** R. W. Pohl & Davidse
DST.: CoRi, Hond, Nica, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse & Pohl (1992); Davidse, Sousa & Chater (1994);.
SYN.: *Guadua macclurei* R.W. Pohl & Davidse.

**Guadua macrostachya** Rupr., Bambuseae 39, t. 15, f. 35. 1839. T-Protol.: Guyana gall. T-Specim.: 1 of 1. French Guiana, 1834, *Leprieur s.n.* [HT: P(fragm., US-79112); IT: K, LE, P, US].
DST.: Braz, FrGu, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); Judziewicz (1991a).
SYN.: *Bambusa macrostachya* (Rupr.) McClure; *Guadua dioica* Steud.

**Guadua maculosa** (Hack.) E.G. Camus, Bambusees 1: 106. 1913. Basionym: *Bambusa maculosa* Hack.
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Bambusa maculosa* Hack.

*Guadua pallescens* Döll, Fl. Bras. 2(3): 186, t. 50. 1880. T-Protol.: Brasilia: habitat prope Rio de Janeiro, *Glaziou 2832*. T-Specim.: 1 of 1. Brazil: Rio de Janeiro, 1867, *A.F.M. Glaziou 2832* [IT: US-79110].
= **Bambusa tuldoides** Munro

**Guadua paniculata** Munro, Trans. Linn. Soc. London 26(1): 85. 1868. T-Specim.: 1 of 2. Brazil: Goias or Tocantins: Rio Tocantins, *W.J. Burchell 8852* [ST: BR(fragm., US-79109), K]. 2 of 2. Brazil: Pernambuco: Rio Preto, *G. Gardner 2981* [ST: BM, BR, K(fragm., US-825699)].
DST.: Arge, Boli, Braz, CoRi, ElSa, Guat, Hond, Mexi, Nica, Pana, Para, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Berendsohn & Araniva de González (1991); Clark (1997); Davidse, Sousa & Chater (1994); Döll (1880); Filgueiras (1991); Filgueiras (ined.); Judziewicz (1991a); Killeen (1990); Londoño & Judziewicz (1991); McClure (1955); Renvoize (1998); Zuloaga et al. (1994).
SYN.: *Arundarbor paniculata* (Munro) Kuntze; *Bambusa munroi* Hack.; *Bambusa paniculata* (Munro) Hack.; *Chusquea spinosa* E. Fourn.; *Chusquea spinosa* E. Fourn. ex Hemsl.

**Guadua paraguayana** Döll, Fl. Bras. 2(3): 179, t. 48. 1880. T-Protol.: Habitat in ripa fluminis Paraguay, *Balansa 133*. T-Specim.: 1 of 1. Paraguay: Río Paraguay, 17 Apr 1874, *B. Balansa 133* [IT: K, LE, US-1445744].
DST.: Arge, Boli, Braz Para.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Burkart (1969); Filgueiras (ined.); Killeen (1990); Renvoize (1998); Zuloaga et al. (1994).
SYN.: *Bambusa paraguayana* (Döll) Bertoni.

*Guadua parviflora* J. Presl, Reliq. Haenk. 1(4-5): 257. 1830. T-Protol.: Hab. in montanis Peruviae huanoccensibus, *Haenke s.n.* T-Specim.: 1 of 1. Peru:, no date, *T. Haenke s.n.* [HT: PR; IT: US-79107].
= **Aulonemia parviflora** (J. Presl) McClure

*Guadua perligulata* Pilg., Biblioth. Bot. 29(116): 57, f. 1937. T-Protol.: Mittel-Ecuador: Interandines Hochland, Prov. Chimborazo Tipococha, feuchte Stellen im oberen Bergwald, ca. 3200 m, Aug 1933, *L. Diels 565*. T-Specim.: 1 of 1. Ecuador: Chimborazo: c. 3200 m, Aug 1933, *Diels 565* [HT: B destr.], .
= **Chusquea perligulata** (Pilg.) McClure

*Guadua philippinensis* Gamble, Philipp. J. Sci. 8(4): 203. 1913. T-Protol.: Philippines: Mindanao: Distr. of Davao, Mati, 15 May 1911, *C.V. Piper 475*. T-Specim.: 1 of 1. Philippines: Mindanao: Distr. Davao, Mati, 8 May 1911, *C.V. Piper 475* [HT: K; IT: US-900313].
= **Sphaerobambos philippinensis** (Gamble) S. Dransf.

*Guadua polyclados* Döll, Fl. Bras. 2(3): 182. 1880.
DST.: Vene.
LVL. ACCPTC.: 3.

**Guadua refracta** Munro, Trans. Linn. Soc. London 26(1): 84. 1868. T-Specim.: 1 of 2. Brazil: Goiás, 1867, *W. J. Burchell 7642* [ST: US-79106]. 2 of 2. Brazil: Goiás, *Gardner 4063* [ST].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880).
SYN.: *Arundarbor refracta* (Munro) Kuntze; *Bambusa refracta* (Munro) McClure.

*Guadua riograndensis* (Dutra) Herter, Revista Sudamer. Bot. 6(5-6): 148. 1940. Basionym: *Bambusa riograndensis* Dutra
= **Guadua trinii** (Nees) Nees ex Rupr.

**Guadua sarcocarpa** Londoño & P.M. Peterson, Syst. Bot. 16(4): 631, f. 1-3. 1991. T-Protol.: Peru: Cuzco: cuenca del Río Ucayali, in an area of 400,000 hectares between the Ríos Tambo and Urubamba, ca. 12.30S 72,58W, growing in recent alluvial soils, hills up to 400 m, 13 Aug 1982, *Reategui s.n.* [HT: US ]. T-Specim.: 1 of 1. Peru: Cuzco, 13 Aug 1982, *F. Reategui s.n.* [HT: US-2979647, US-2979646, US-2979649, US-2979648, US-2979645].
DST.: Boli, Braz, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Renvoize (1998); Tovar (1993).

**Guadua sarcocarpa** subsp. **purpuracea** Londoño & P.M. Peterson, Syst. Bot. 16(4): 635, f. 3E-G. 1991. T-Protol.: Peru: Cuzco: Prov. Quispicanchis: along trail directly S of Quincemil, ca. 13.30S 71.35W, ca. 1100 m, 11 Oct 1976, *Wasshausen & Encarnacion 760* [HT: US; IT: K, MO, NY, USM ]. T-Specim.: 1 of 1. Peru: Cuzco: Quispicanchi Prov., 11 Oct 1976, *D.C. Wasshausen & F. Encarnación 760* [HT: US-2957344].
DST.: Boli, Peru.
LVL. ACCPTC.: 1.

**Guadua sarcocarpa** Londoño & P.M. Peterson subsp. **sarcocarpa**
DST.: Braz, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Londoño & Peterson (1991).

*Guadua spinosa* (Swallen) McClure, Phytologia 5(3): 82. 1954. Basionym: *Arthrostylidium spinosum* Swallen
= **Guadua longifolia** (E. Fourn.) R.W. Pohl

*Guadua spinosissima* (Hack.) E.G. Camus, Bambusees 1: 112. 1913. Basionym: *Bambusa spinosissima* Hack.
= **Guadua tagoara** (Nees) Kunth

**Guadua superba** Huber, Bol. Mus. Paraense Hist. Nat. 4: 479. 1904. T-Specim.: 1 of 1. Brazil: Amazonas: Rio Purus, Feb 1904, *J. Huber 4230* [HT: MG; IT: US-1441733].
NOTE: type not designated in publication
DST.: Boli, Braz, Ecua, FrGu, Guya, Peru, Suri.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Jørgensen & León-Yánez (1999); Judziewicz (1991a); Killeen

(1990); Renvoize (1998).
SYN.: *Bambusa superba* (Huber) McClure; *Bambusa tessmannii* (Pilg.) McClure; *Guadua tessmannii* Pilg.

**Guadua tagoara** (Nees) Kunth, Enum. Pl. 1: 434. 1833. Basionym: *Bambusa tagoara* Nees
DST.: Braz, FrGu.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); Londoño & Judziewicz (1991).
SYN.: *Arundarbor distorta* (Nees) Kuntze; *Arundarbor tagoara* (Nees) Kuntze; *Bambusa barbata* Trin.; *Bambusa distorta* Nees; *Bambusa glaziovii* Hack.; *Bambusa longifimbriata* (E.G. Camus) McClure; *Bambusa spinosissima* Hack.; *Bambusa tagoara* Nees; *Guadua distorta* (Nees) Rupr.; *Guadua glaziovii* (Hack.) E.G. Camus; *Guadua longifimbriata* E.G. Camus; *Guadua spinosissima* (Hack.) E.G. Camus; *Nastus barbatus* (Trin.) Rupr.

*Guadua tessmannii* Pilg., Notizbl. Bot. Gart. Berlin-Dahlem 10(100): 124. 1927. T-Protol.: Ost-Peru: Mittlerer Ucayali, Yarina Cocha, Sumpfgebiet am See, 155 m, Oct 1925, *Tessmann 5441* [HT: B ]. T-Specim.: 1 of 1. Peru: Loreto, Oct 1925, *G. Tessmann 5441* [HT: B(fragm., US-79104)].
= **Guadua superba** Huber

*Guadua tomentosa* Hack. & Lindm., Kongl. Svenska Vetenskapsakad. Handl. 34(6): 20, t. 12. 1900. T-Protol.: Hab. in Brasilia austr., Rio Grande do Sul, colonia Ijuhý, in regione silvarum primaevarum ad margines silvarum haud raro, mens Mart.-Apr. 1893 florens, "Tacuara", *Brasiliensium Exp. I. Regnell, A., 1433* [HT: S ]. T-Specim.: 1 of 1. Brazil: Rio Grande do Sul, Apr 1893, *C.A.M. Lindman A1433* [HT: S(fragm., US-703171, US-79103)].
= **Guadua trinii** (Nees) Nees ex Rupr.

**Guadua trinii** (Nees) Nees ex Rupr., Bambuseae 40, t. 15, f. 38. 1839. Basionym: *Bambusa trinii* Nees
DST.: Arge, Braz, Urug.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Burkart (1969); Cabrera (1970); Döll (1880); Fabris (1970); Rosengurtt, Arrillaga de Maffei & Izaguirre de Artuco (1970); Zuloaga et al. (1994).
SYN.: *Arundarbor trinii* (Nees) Kuntze; *Bambusa ribbentropii* Herter; *Bambusa riograndensis* Dutra; *Bambusa riograndensis* Dutra; *Bambusa tacuara* Arechav.; *Bambusa tomentosa* (Hack. & Lindm.) McClure; *Bambusa trinii* Nees; *Chusquea heterophylla* Griseb.; *Guadua riograndensis* (Dutra) Herter; *Guadua tomentosa* Hack. & Lindm.; *Guadua trinii* var. *scabra* Döll; *Guadua trinii* var. *trinii*.

*Guadua trinii* var. *scabra* Döll, Fl. Bras. 2(3): 179. 1880.
= **Guadua trinii** (Nees) Nees ex Rupr.

*Guadua trinii* (Nees) Nees ex Rupr. var. *trinii*
= **Guadua trinii** (Nees) Nees ex Rupr.

**Guadua velutina** Londoño & L.G. Clark, Nordic J. Bot. 11(3): 328. 1991. T-Protol.: Mexico: San Luis Potosí: fields 2-3 mi W of El Naranjo, 22.30N 98.38W, 27 Feb 1961, *King 3962* [HT: US; IT: F, ISC ]. T-Specim.: 1 of 1. Mexico: San Luis Potosí, 27 Feb 1961, *R.M. King 3962* [HT: US-2378004].
DST.: Mexi.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994);.

**Guadua venezuelae** Munro, Trans. Linn. Soc. London 26(1): 86. 1868. T-Protol.: Hab. in Venezuela, *Krueger s.n.* T-Specim.: 1 of 1. Venezuela, 1859, *H. Crueger s.n.* [T: US-79102].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Steyermark et al. (1995).
SYN.: *Arundarbor venezuelae* (Munro) Kuntze; *Bambusa venezuelae* (Munro) McClure.

**Guadua virgata** (Trin.) Rupr., Bambuseae 40. 1839. Basionym: *Bambusa virgata* Trin.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880).
SYN.: *Arundarbor virgata* (Trin.) Kuntze; *Bambusa virgata* Trin.

**Guadua weberbaueri** Pilg., Repert. Spec. Nov. Regni Veg. 1(10): 152. 1905. T-Protol.: Peru: Loreto: Moyobamba, in formatione Matorral" dicta frequens, rarius in silvis ad locos humidiores, 800-900 m, florens mense Auguste 1904, *Weberbauer 4562*. T-Specim.: 1 of 1. Peru: Loreto, Aug 1904, *A. Weberbauer 4562* [HT: B(fragm., US-79101)].
DST.: Boli, Ecua, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Jørgensen & León-Yánez (1999); Killeen (1990); Macbride (1936); Renvoize (1998); Tovar (1993).
SYN.: *Bambusa weberbaueri* (Pilg.) McClure.

## **Guaduinae** subtrib. Soderstr. & R.P. Ellis, Grass Syst. Evol. 238. 1987. TYPE: *Guadua* Kunth
TRTD. BY: The authors.
NHT: Bambuseae.

*Gynerium quila* (Molina) Nees & Meyen, Nov. Actorum Acad. Caes. Leop.-Carol. Nat. Cur. Suppl. 1: 153. 1843. Basionym: *Arundo quila* Molina
= **Chusquea quila** Kunth

*Hellera* Döll, Fl. Bras. 2(2): 314. 1877.
NOTE: nom. inval.; as syn. *Olyra* L.
= **Raddia** Bertol.

*Hickeliinae* subtrib. A. Camus, Compt. Rend. Hebd. Seances Acad. Sci. 179: 480. 1924. TYPE: *Hickelia* A. Camus
= **Bambusinae** subtrib. J. Presl

*Himalayacalamus* Keng f., J. Bamboo Res. 2(1): 23. 1983. TYPE: *Himalayacalamus falconeri* (Hook. f. ex

Munro) Keng f.
= **Thamnocalamus** Munro

*Himalayacalamus falconeri* (Hook. f. ex Munro) Keng f., J. Bamboo Res. 2(1): 24. 1983. Basionym: *Thamnocalamus falconeri* Hook. f. ex Munro
= **Thamnocalamus falconeri** Hook. f. ex Munro

*Homalocenchrus* Mieg, Acta Helv. Phys.-Math. 4: 307. 1760. TYPE: *Homalocenchrus oryzoides* (L.) Haller
NOTE: nom. rejic.
= **Leersia** Sol. ex Sw.

*Homalocenchrus angustifolius* Kuntze, Revis. Gen. Pl. 2: 777. 1891.
NOTE: nom. nud.
= **Leersia hexandra** Sw.

*Homalocenchrus gouinii* (E. Fourn.) Kuntze, Revis. Gen. Pl. 2: 777. 1891. Basionym: *Leersia gouinii* E. Fourn.
= **Leersia hexandra** Sw.

*Homalocenchrus grandiflorus* (Döll) Hitchc., Contr. U.S. Natl. Herb. 17(3): 273. 1913. Basionym: *Oryza monandra* var. *grandiflora* Döll
= **Leersia ligularis** var. **grandiflora** (Döll) Pyrah

*Homalocenchrus hexandrus* (Sw.) Kuntze, Revis. Gen. Pl. 2: 777. 1891. Basionym: *Leersia hexandra* Sw.
= **Leersia hexandra** Sw.

*Homalocenchrus lenticularis* (Michx.) Kuntze, Revis. Gen. Pl. 1: 777. 1891. Basionym: *Leersia lenticularis* Michx.
= **Leersia lenticularis** Michx.

*Homalocenchrus ligularis* (Trin.) Kuntze, Revis. Gen. Pl. 2: 777. 1891. Basionym: *Leersia ligularis* Trin.
= **Leersia ligularis** Trin.

*Homalocenchrus monandrus* (Sw.) Kuntze, Revis. Gen. Pl. 2: 777. 1891. Basionym: *Leersia monandra* Sw.
= **Leersia monandra** Sw.

*Homalocenchrus oryzoides* (L.) Haller, Hist. Stirp. Helv. 2: 201. 1768. Basionym: *Phalaris oryzoides* L.
= **Leersia oryzoides** (L.) Sw.

*Homalocenchrus oryzoides* (L.) Pollich, Hist. Pl. Palat. 1: 52. 1776. Basionym: *Phalaris oryzoides* L.
NOTE: isonym
E. HOM.: *Homalocenchrus oryzoides* (L.) Haller
= **Leersia oryzoides** (L.) Sw.

*Homalocenchrus ovata* (Poir.) Kuntze, Revis. Gen. Pl. 2: 777. 1891. Basionym: *Leersia ovata* Poir.
= **Leersia virginica** Willd.

*Homalocenchrus virginicus* (Willd.) Britton, Trans. New York Acad. Sci. 9: 14. 1889. Basionym: *Leersia virginica* Willd.
= **Leersia virginica** Willd.

*Hydrochloa* P. Beauv., Ess. Agrostogr. 135, 165. 1812. TYPE: *Hydrochloa caroliniensis* P. Beauv.
= **Luziola** Juss.

*Hydrochloa caroliniensis* P. Beauv., Ess. Agrostogr. 135, 165, 182. 1812.
= **Luziola fluitans** (Michx.) Terrell & H. Rob.

*Hydrochloa caroliniensis* var. *oconnori* R. Guzmán, Phytologia 48(1): 77, 79. 1981. T-Protol.: Mexico: Jalisco: en el valle del Jacal, al W de San Jose de los Andrade, sobre la brecha Ayutla-Mascota, *Guzman & de la Rosa 66* [HT: NY; IT: COCA, IBUG, MICH, US ].
NOTE: as *"oconneri"* but named for Peter O"Connor
= **Luziola fluitans** var. **oconnorii** (R. Guzmán) G.C. Tucker

*Hydrochloa fluitans* (Michx.) Torr., Comp. Fl. N. Middle Stat. 354, 403. 1826. Basionym: *Zizania fluitans* Michx.
NOTE: hom. illeg.
E. HOM.: *Hydrochloa fluitans* (L.) Hartm.
= **Luziola fluitans** (Michx.) Terrell & H. Rob.

*Hydropyrum* Link, Hort. Berol. 1: 252. 1827. TYPE: *Hydropyrum esculentum* Link
NOTE: nom. illeg. superfl.
= **Zizania** L.

*Hydropyrum esculentum* Link, Hort. Berol. 1: 252. 1827. T-Protol.: Habitat in Americae septentrionalis paludosis.
= **Zizania aquatica** var. **aquatica**

*Hydropyrum fluitans* (Michx.) Kunth, Revis. Gramin. 1: 7. 1829. Basionym: *Zizania fluitans* Michx.
= **Luziola fluitans** (Michx.) Terrell & H. Rob.

*Hydropyrum latifolium* Griseb., Fl. Ross. 4: 466. 1853. T-Protol.: Habitat in Davuria in lacu ad confluentiam fl. Schilka et Argum, *Turczaninow s.n.* T-Specim.: 1 of 1. USSR, 1833, *N.S. Turczaninow s.n.* [IT: US-1504540].
= **Zizania latifolia** (Griseb.) Turcz. ex Stapf

*Hygroryza ciliata* (Retz.) Nees ex Steud., Nomencl. Bot. (ed. 2) 1: 783. 1841. Basionym: *Pharus ciliatus* Retz.
= **Leersia hexandra** Sw.

**Indocalamus** Nakai, J. Arnold Arbor. 6(3): 148. 1925. TYPE: *Indocalamus sinicus* (Hance) Nakai; LT designated by McClure, Taxon 6(7): 203 (1957)
TRTD. BY: Soreng, R. J.
NHT: Arundinariinae. SPP.: 2
CNSLTD LIT.: Geng & Wang (1996).
SYN.: *Arundinaria* sect. *Indocalamus* (Nakai) Demoly.

**Indocalamus longiauritus** Hand.-Mazz., Kaiserl. Akad. Wiss. Wien, Math.-Naturwiss. Kl., Anz. 62: 254. 1926. T-Specim.: 1 of 3. China: Hona, 9 Dec 1918, *H.F. von Handel-Mazzetti 12256* [IST: US-1529844, US-1128966]. 2 of 3. China: Prov. Guischou orient.: .

inter urbem Guiyang (Kweiyang) et vicum Gwanyinschen, 6 Jul 1917, *Handel-Mazzetti 10598* [ST]. 3 of 3. China: in silvis umbrosis prope vicum Madjiadwen inter opp. Guiding et Duyün, 9 Jul 1917, *Handel Mazzaetti 10643* [ST].
DST.: Guat, Hond, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundinaria longiaurita* (Hand.-Mazz.) Hand.-Mazz.

**Indocalamus tessellatus** (Munro) Keng f., Claves Gen. Sp. Gram. Prim. Sinic. 152. 1957. Basionym: *Bambusa tessellata* Munro
NOTE: also in Acta Phytotax. Sin. 6: 355, footnote (1957)
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundinaria ragamowskii* Pfitzer; *Bambusa tessellata* Munro; *Sasa tessellata* (Munro) Makino & Shibata; *Sasamorpha tessellata* (Munro) Koidz.

*Irulia* Bedd., 235. 1873.
NOTE: nom. inval., as syn. of Ochlandra travancorica
= **Ochlandra** Thwaites

*Ischurochloa* Büse, Pl. Jungh. 389. 1854. TYPE: *Ischurochloa spinosa* (Roxb. ex Buch.-Ham.) Büse; LT designated by McClure, Taxon 6(7): 203 (1957)
= **Bambusa** Schreb.

*Klemachloa* R. Parker, Indian Forester 58: 7. 1932. TYPE: *Klemachloa detinens* R. Parker
= **Dendrocalamus** Nees

*Laertia* Gromov, 1: 141. 1817.
NOTE: nom. illeg. superfl.
= **Leersia** Sol. ex Sw.

*Laertia oryzoides* Gromov ex Trautv., Trudy Imp. S.-Peterburgsk. Bot. Sada 9: 354. 1884.
NOTE: nom. illeg superfl.
CORRECT NAME: *Leersia oryzoides* (L.) Sw.
= **Leersia oryzoides** (L.) Sw.

**Leersia** Sol. ex Sw., Prodr. 1, 21. 1788. TYPE: *Leersia oryzoides* (L.) Sw.
NOTE: nom. & typ. cons.
TRTD. BY: Terrell & M. R. Duvall.
NHT: Oryzinae. SPP.: 6
SYN.: *Aplexia* Raf.; *Asperella* Juss.; *Asprella* Schreb.; *Blepharochloa* Endl.; *Ehrhartia* F.H. Wigg.; *Endodia* Raf.; *Homalocenchrus* Mieg; *Laertia* Gromov; *Pseudoryza* Griff.; *Turraya* Wall.

*Leersia abyssinica* Hochst. ex A. Rich., Tent. Fl. Abyss. 2: 356. 1851. T-Protol.: Crescit in locis paludosis planitie montanae Chiró ., *Schimper, pl.Schimp.Abyss., sect. III, n. 1823.* [IT:K]. T-Specim.: 1 of 1. Ethiopia, *Schimper 1823* [T: BM].
= **Leersia hexandra** Sw.

*Leersia aegyptiaca* Fig. & De Not., Agrostogr. Aegypt 317. 1853. T-Protol.: In arvis humidis Deltae.
= **Leersia hexandra** Sw.

*Leersia angustifolia* Munro ex Prod., Bot. Arch. 1: 217. 1922. T-Protol.: Central-Africa: Ghasal-Quellgebiet, in Lande der Bjur, *Schweinfurth 1098*. T-Specim.: 1 of 1. Sudan: Djur Land, Grosse Seriba Ghattas, 18 jul 1869, *Schweinfurth 2098* [HT: K; IT: B].
= **Leersia hexandra** Sw.

*Leersia aspera* Nees ex Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 5,3(4): 168. 1839 [1840 Feb].
NOTE: nom. inval., as syn. of *Leersia monandra* Sw.
= **Leersia monandra** Sw.

*Leersia asperrima* Willd. ex Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 5,3(4): 171. 1839 [1840 Feb].
NOTE: nom. inval., as syn. of *Leersia oryzoides* (L.) Sw.
= **Leersia oryzoides** (L.) Sw.

*Leersia australis* R. Br., Prodr. 210. 1810. T-Protol.: [HT: BM ].
= **Leersia hexandra** Sw.

*Leersia capensis* Müll. Hal., Bot. Zeitung (Berlin) 14(20): 345. 1856. T-Protol.: Prom. bonae spei, Uitenhagen, 1847, *R. C. Alexander s.n.* T-Specim.: 1 of 1. South Africa, 1847, *Alexander s.n.* [T: K].
= **Leersia hexandra** Sw.

*Leersia ciliaris* Griff., Not. Pl. Asiat. 3: 2. 1851.
= **Leersia hexandra** Sw.

*Leersia ciliata* (Retz.) Roxb., Fl. Ind., ed. 1832 2: 207. 1832. Basionym: *Pharus ciliatus* Retz.
= **Leersia hexandra** Sw.

*Leersia contracta* Nees, Fl. Bras. Enum. Pl. 2: 516. 1829. T-Protol.: Habitat ad S. Tarido Uruga Brasiliae meridionalis, *Sellow s.n.* [HT: B ].
= **Leersia hexandra** Sw.

*Leersia debilis* Balansa & Poit., Bull. Soc. Hist. Nat. Toulouse 12: 220, f. 1. 1878. T-Protol.: Hab. Paraguay: forêts à l'Est de la Cordillera de Villa Rica, au NE de Caaguazu, 1874-1877, *B. Balansa 266* [HT: P ].
= **Leersia ligularis** var. **grandiflora** (Döll) Pyrah

*Leersia distichophylla* Balansa & Poit., Bull. Soc. Hist. Nat. Toulouse 12: 221, t. 1, f. 2. 1878. T-Protol.: Paraguay: . Cerro-Hu, près de Paraguari, forêts a l'Est de la Plaine de Doña Juana, près de Villa Rica, *B. Balansa 265*. T-Specim.: 1 of 1. Paraguay, 21 Jun 1874, *B. Balansa 265* [HT: P].
= **Leersia ligularis** Trin.

*Leersia dubia* F. Aresch., Pl. Itin. Eugenia 115. 1910. T-Protol.: Ecuador: Cirac Guajaquil, *Andersson, N. J. s.n.* [HT: S? ]. T-Specim.: 1 of 1. Ecuador: Guayas,

*Andersson s.n.* [HT: S?], .
NOTE: also in Repert. Spec. Nov. Regni Veg. 5: 299 (1910-1912)
= **Leersia hexandra** Sw.

*Leersia elongata* Willd. ex Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 5,3(4): 172. 1839 [1840 Feb].
NOTE: nom. inval., as syn. of *Leersia mexicana* Kunth
= **Leersia hexandra** Sw.

*Leersia glaberrima* Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 5,3(4): 173. 1839 [1840 Feb]. T-Protol.: Nepal, *Wallich s.n.* T-Specim.: 1 of 1. Nepal, *Wallich s.n.* [HT: LE].
= **Leersia hexandra** Sw.

*Leersia gouinii* E. Fourn., Mexic. Pl. 2: 2. 1886. T-Protol.: Mexico: In littore arenoso prope Vera Cruz, 2 syntypes cited.
= **Leersia hexandra** Sw.

*Leersia gracilis* Willd. ex Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 5,3(4): 173. 1839 [1840 Feb].
NOTE: nom. inval., as syn. of *Leersia australis* R. Br.
= **Leersia hexandra** Sw.

*Leersia grandiflora* (Döll) Prod., Bot. Arch. 1: 219. 1922. Basionym: *Oryza monandra* var. *grandiflora* Döll
= **Leersia ligularis** var. **grandiflora** (Döll) Pyrah

*Leersia grandiflora* (Döll) Hitchc., Proc. Biol. Soc. Wash. 40: 83. 1927. Basionym: *Oryza monandra* var. *grandiflora* Döll
NOTE: isonym
E. HOM.: *Leersia grandiflora* (Döll) Prod.
= **Leersia ligularis** var. **grandiflora** (Döll) Pyrah

**Leersia hexandra** Sw., Prodr. 21. 1788. T-Protol.: Jamaica, *Swartz s.n.* [HT: S; IT: BM ].
DST.: Arge, Beli, Boli, Braz, Cana, Cari, Colo, CoRi, Ecua, ElSa, FrGu, Guat, Guya, Hond, Mexi, Nica, Pana, Para, Peru, Suri, USA, Urug, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Adams (1972); Allem & Valls (1987); Beetle (1977); Berendsohn & Araniva de González (1991); Bor (1960); Breedlove (1986); Burkart (1969); Correll & Johnston (1970); Cowan (1983); Davidse, Sousa & Chater (1994); Dávila & Sánchez-Ken (1994); Fernald (1950); Foster (1958); Gibbs Russell et al. (1987); Gleason & Cronquist (1968); Gleason & Cronquist (1991); Godfrey & Wooten (1979); Gould (1979); Hitchcock (1927); Hitchcock (1936); Hitchcock (1951); Humbert (1955); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Killeen (1990); Launert (1965); Liogier & Martorell (1982); Long & Lakela (1971); Longhi-Wagner & Boldirini (1988); McClure (1955); McVaugh (1983); ORSTOM (1988); Pohl (1980); Pyrah (1969); Radford, Ahles & Bell (1968); Renner, Balslev & Holm-Nielsen (1990); Renvoize (1984); Renvoize (1988); Renvoize (1998); Rutenberg (1880-1889); Smith, Wasshausen & Klein (1982); Steyermark et al. (1995); Tovar (1993); Wunderlin (1998).
SYN.: *Asprella australis* (R. Br.) Roem. & Schult.; *Asprella hexandra* (Sw.) P. Beauv.; *Asprella hexandra* (Sw.) Roem. & Schult.; *Asprella mexicana* (Kunth) Roem. & Schult.; *Homalocenchrus angustifolius* Kuntze; *Homalocenchrus gouinii* (E. Fourn.) Kuntze; *Homalocenchrus hexandrus* (Sw.) Kuntze; *Hygroryza ciliata* (Retz.) Nees ex Steud.; *Leersia abyssinica* Hochst. ex A. Rich.; *Leersia aegyptiaca* Fig. & De Not.; *Leersia angustifolia* Munro ex Prod.; *Leersia australis* R. Br.; *Leersia capensis* Müll. Hal.; *Leersia ciliaris* Griff.; *Leersia ciliata* (Retz.) Roxb.; *Leersia contracta* Nees; *Leersia dubia* F. Aresch.; *Leersia elongata* Willd. ex Trin.; *Leersia glaberrima* Trin.; *Leersia gouinii* E. Fourn.; *Leersia gracilis* Willd. ex Trin.; *Leersia hexandra* subsp. *grandiflora* (Döll) Roseng., B.R. Arill. & Izag.; *Leersia luzonensis* J. Presl; *Leersia mauritiaca* Salzm. ex Trin.; *Leersia mexicana* Kunth; *Leersia parviflora* Desv.; *Oryza australis* A. Braun ex Schweinf.; *Oryza hexandra* (Sw.) Döll; *Oryza hexandra* var. *grandiflora* Döll; *Oryza hexandra* var. *hexandra*; *Oryza mexicana* (Kunth) Döll; *Pharus ciliatus* Retz.; *Pseudoryza ciliata* (Retz.) Griff.

*Leersia hexandra* subsp. *grandiflora* (Döll) Roseng., B.R. Arill. & Izag., Gram. Urug. 279. 1970. Basionym: *Oryza hexandra* var. *grandiflora* Döll
= **Leersia hexandra** Sw.

*Leersia hexandra* Sw. subsp. *hexandra*

*Leersia imbricata* Poir., Encycl., Suppl. 3: 329. 1813. T-Protol.: Cette plante croit dans la Caroline, *M. Bosc s.n.* [HT: P ]. T-Specim.: 1 of 1. USA: Carolinas, *M. Bosc s.n.* [HT: P].
= **Leersia virginica** Willd.

**Leersia lenticularis** Michx., Fl. Bor.-Amer. 1: 39. 1803. T-Protol.: Hab. in paludosis Illinoensibus, *Michaux s.n.* T-Specim.: 1 of 1. USA: Illinois: in paludosis regionis Illinoensibus, *Michaux s.n.* [HT: P].
DST.: USA.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Anonymous (1986); Correll & Johnston (1970); Fernald (1950); Gleason & Cronquist (1968); Gleason & Cronquist (1991); Godfrey & Wooten (1979); Hitchcock (1951); Pyrah (1969); Radford, Ahles & Bell (1968); Wunderlin (1998).
SYN.: *Asprella lenticularis* (Michx.) P. Beauv.; *Asprella lenticularis* (Michx.) Roem. & Schult.; *Endodia lenticularis* Raf. ex B.D. Jacks.; *Homalocenchrus lenticularis* (Michx.) Kuntze; *Zizania lenticularis* (Michx.) Steud.; *Zizania lenticularis* Michx. ex P. Beauv.

**Leersia ligularis** Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 5,3(4): 168. 1839 [1840 Feb]. T-Protol.: Mexico,

*Schiede s.n.* [HT: LE ]. T-Specim.: 1 of 1. Mexico: Veracruz: pr. Jalapam: in sylvis montis Maculteрec 11, *C.J.W. Schiede s.n.* [HT: LE-TRIN-1160.01(fragm., US-979612)], Halae 1836.

DST.: Arge, Beli, Braz, Colo, Ecua, ElSa, Guat, Hond, Mexi, Para, Vene.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Beetle (1977); Breedlove (1986); Davidse, Sousa & Chater (1994); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Pohl (1980); Pyrah (1969); Smith, Wasshausen & Klein (1982); Steyermark et al. (1995); Tovar (1993).

SYN.: *Homalocenchrus ligularis* (Trin.) Kuntze; *Leersia distichophylla* Balansa & Poit.

*Leersia ligularis* fo. *breviligulata* Prod., Bot. Arch. 1: 218. 1922. T-Protol.: Mexico: bei Mirador, *Liebmann 576.* T-Specim.: 1 of 1. Mexico, *Liebmann 576* [T: C].

= **Leersia ligularis** var. **breviligulata** (Prod.) Pyrah

**Leersia ligularis** var. **breviligulata** (Prod.) Pyrah, Iowa State J. Sci. 44(2): 235. 1969. Basionym: *Leersia ligularis* fo. *breviligulata* Prod.

NOTE: as *Leersia ligularis* var. *"breviligularis"* , orth. inval.

DST.: Beli, Guat, Mexi.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Jørgensen & León-Yánez (1999.

SYN.: *Leersia ligularis* fo. *breviligulata* Prod.

**Leersia ligularis** var. **glabriflora** Pyrah, Iowa State J. Sci. 44(2): 238. 1969. T-Protol.: Venezuela: Fed. Dist.: 11 Mar 1940, *Chase 12418* [HT: US; IT: F, K, NY, US ], =Amer. Grass Natl. Herb. 315.

DST.: Colo, Hond, Vene.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Davidse, Sousa & Chater (1994).

**Leersia ligularis** var. **grandiflora** (Döll) Pyrah, Iowa State J. Sci. 44(2): 236. 1969. Basionym: *Oryza monandra* var. *grandiflora* Döll

DST.: Arge, Braz, Colo, ElSa, Guat, Hond, Pana, Para, Urug, Vene.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Jørgensen & León-Yánez (1999); Pohl (1980); Renvoize (1988); Smith, Wasshausen & Klein (1982); Zuloaga et al. (1994).

SYN.: *Homalocenchrus grandiflorus* (Döll) Hitchc.; *Leersia debilis* Balansa & Poit.; *Leersia grandiflora* (Döll) Hitchc.; *Leersia grandiflora* (Döll) Prod.; *Oryza monandra* var. *grandiflora* Döll.

**Leersia ligularis** Trin. var. **ligularis**

DST.: Mexi.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Pyrah (1969); Smith, Wasshausen & Klein (1982).

*Leersia luzonensis* J. Presl, Reliq. Haenk. 1(4-5): 207. 1830. T-Protol.: Hab. in insula Luzonia, *Haenke s.n.*

= **Leersia hexandra** Sw.

*Leersia mauritiaca* Salzm. ex Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 5,3(4): 74. 1839 [1840 Feb].

= **Leersia hexandra** Sw.

*Leersia mexicana* Kunth, Nov. Gen. Sp. 1: 195. 1816. T-Protol.: Crescit in convsalle Mexicana inter Chalco et Xochimilco, alt. 1168 hexap., floret Januario, *Humboldt & Bonpland s.n.* [HT: P ].

= **Leersia hexandra** Sw.

**Leersia monandra** Sw., Prodr. 21. 1788. T-Protol.: West Indies: Jamaica, *Swartz s.n.* [HT: S; IT: BM ].

DST.: Braz, Cari, Mexi, USA.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Adams (1972); Anonymous (1986); Beetle (1977); Correll & Johnston (1970); Cowan (1983); Davidse, Sousa & Chater (1994); Gould (1979); Hitchcock (1936); Hitchcock (1951); Liogier & Martorell (1982); Long & Lakela (1971); Pyrah (1969); Wunderlin (1998).

SYN.: *Asprella monandra* (Sw.) Roem. & Schult.; *Homalocenchrus monandrus* (Sw.) Kuntze; *Leersia aspera* Nees ex Trin.; *Oryza monandra* (Sw.) Döll; *Oryza monandra* var. *monandra*; *Paspalum cubense* Spreng.

**Leersia oryzoides** (L.) Sw., Prodr. 21. 1788. Basionym: *Phalaris oryzoides* L.

DST.: Cana, Cari, Mexi, USA.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Baldini, R. M. (1995); Beetle (1977); Catasus Guerra, L. J. (1980); Correll & Johnston (1970); Cronquist, A., A. H. Holmgren, N. H. Holmgren & J. L. Reveal (1977); Edgar, Connor & Shand (1991); Fernald (1950); Gleason & Cronquist (1968); Gleason & Cronquist (1991); Godfrey & Wooten (1979); Gould & Moran (1981); Great Plains Flora Association (1986); Hickman (1993); Hitchcock (1951); Hitchcock et al. (1969); Munz & Keck (1959); Munz (1974); Pyrah (1969); Radford, Ahles & Bell (1968); Scoggan (1978); Shreve & Wiggins (1964); Voss (1972); Wunderlin (1998).

SYN.: *Asperella oryzoides* (L.) Lam.; *Asprella oryzoides* (L.) P. Beauv.; *Asprella oryzoides* Schreb.; *Ehrhartia clandestina* F.H. Wigg.; *Homalocenchrus oryzoides* (L.) Haller; *Homalocenchrus oryzoides* (L.) Pollich; *Laertia oryzoides* Gromov ex Trautv.; *Leersia asperrima* Willd. ex Trin.; *Leersia oryzoides* fo. *clandestina* Eames; *Leersia oryzoides* fo. *inclusa* (Weisbord ex Baen.) Doërfl.; *Leersia oryzoides* fo. *inclusa* (Weisbord ex Baen.) Fogg; *Oriza oryzoides* Dalla Torre & Sarnth.; *Oryza clandestina* (F.H. Wigg.) A. Braun; *Oryza clandestina* fo. *clandestina*; *Oryza clandestina* fo. *inclusa* Weisbord ex Baen.; *Oryza clandestina* fo. *patens* Weisbord ex Baen.; *Oryza oryzoides* (L.) Brand & W.D.J. Koch; *Oryza oryzoides* (L.) Dalla Torre & Sarnth.; *Phalaris oryzoides* L.

*Leersia oryzoides* fo. *clandestina* Eames, Rhodora 18(215): 239. 1916. T-Protol.: USA: Connecticut: flooded margin of a peat bog, Strtford, 6 Oct 1901, *E.H. Eames 600*.
= **Leersia oryzoides** (L.) Sw.

*Leersia oryzoides fo. glabra* A.A. Eaton, Rhodora 5(52): 118. 1903.
DST.: Cana, USA.
LVL. ACCPTC.: 3.
ALSO ACCPTD BY: Fernald (1950); Pyrah (1969); Scoggan (1978).

*Leersia oryzoides* fo. *inclusa* (Weisbord ex Baen.) Doërfl., Herb. Normale 55-56: 164. 1915. Basionym: *Oryza clandestina* fo. *inclusa* Weisbord ex Baen.
= **Leersia oryzoides** (L.) Sw.

*Leersia oryzoides* fo. *inclusa* (Weisbord ex Baen.) Fogg, Rhodora 30(353): 84. 1928. Basionym: *Oryza clandestina* fo. *inclusa* Weisbord ex Baen.
NOTE: hom. illeg.
E. HOM.: *Leersia oryzoides* fo. *inclusa* (Weisbord ex Baen.) Doërfl.
= **Leersia oryzoides** (L.) Sw.

*Leersia oryzoides (L.) Sw. fo. oryzoides*
DST.: Cana, USA.
LVL. ACCPTC.: 3.
ALSO ACCPTD BY: Fernald (1950); Scoggan (1978).
SYN.: *Leersia oryzoides* var. *oryzoides*.

**Leersia oryzoides** (L.) Sw. var. **oryzoides**
DST.: Boli, Cana, USA.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Pyrah (1969).

*Leersia oryzoides* var. *virginica* (Willd.) Poir., Encycl. 3: 328. 1813. Basionym: *Leersia virginica* Willd.
= **Leersia virginica** Willd.

*Leersia ovata* Poir., Encycl., Suppl. 3: 329. 1813. T-Protol.: Dans l'Amérique septentrionale. T-Specim.: 1 of 1. USA, *Anon.* [HT: P].
= **Leersia virginica** var. **ovata** (Poir.) Fernald

*Leersia parviflora* Desv., Mem. Soc. Agric. Angers 1: 165. 1831. T-Protol.: Crescit in Aegyptia.
NOTE: also in Opusc. Sci. Phys. Nat. 61 [reprint] 1831-1833
= **Leersia hexandra** Sw.

*Leersia virgata* Raf., Bull. Bot. (Geneve) 1: 222. 1830.
NOTE: nom. nud., probably an error for *L. virginica* in Chase and Niles (1962).
= **Leersia virginica** Willd.

**Leersia virginica** Willd., Sp. Pl. 1: 325. 1797. T-Protol.: Habitat in America boreali[HT: B ].
DST.: Braz, Cana, USA.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Anonymous (1986); Correll & Johnston (1970); Fernald (1950); Gleason & Cronquist (1968); Gleason & Cronquist (1991); Godfrey & Wooten (1979); Great Plains Flora Association (1986); Hitchcock (1951); Longhi-Wagner & Boldirini (1988); Pyrah (1969); Radford, Ahles & Bell (1968); Renvoize (1988); Schwegman, John E. (1991); Scoggan (1978); Smith, Wasshausen & Klein (1982); Voss (1972); Wunderlin (1998).
SYN.: *Aplexia virgata* Raf. ex B. D. Jacks.; *Aplexia virginica* Raf. ex B.D. Jacks.; *Asprella imbricata* (Poir.) Roem. & Schult.; *Asprella virginica* (Willd.) P. Beauv.; *Asprella virginica* (Willd.) Roem. & Schult.; *Homalocenchrus ovata* (Poir.) Kuntze; *Homalocenchrus virginicus* (Willd.) Britton; *Leersia imbricata* Poir.; *Leersia oryzoides* var. *virginica* (Willd.) Poir.; *Leersia virgata* Raf.; *Leersia virginica* var. *brasiliensis* Ekman.

*Leersia virginica* var. *brasiliensis* Ekman, Ark. Bot. 13(10): 37. 1913.
= **Leersia virginica** Willd.

**Leersia virginica** var. **ovata** (Poir.) Fernald, Rhodora 38(455): 386. 1936. Basionym: *Leersia ovata* Poir.
DST.: Cana, USA.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Anonymous (1986); Fernald (1950); Scoggan (1978).
SYN.: *Asprella ovata* (Poir.) Roem. & Schult.; *Homalocenchrus ovata* (Poir.) Kuntze; *Leersia ovata* Poir.

**Leersia virginica** Willd. var. **virginica**
DST.: Braz, Cana, USA.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Fernald (1950); Scoggan (1978).

*Leleba* Nakai, J. Jap. Bot. 9: 9. 1933. TYPE: *Leleba floribunda* (Büse) Nakai; LT designated by McClure, Taxon 6: 204 (1957)
= **Bambusa** Schreb.

*Leleba breviflora* (Munro) Nakai, J. Jap. Bot. 9(1): 16. 1933. Basionym: *Bambusa breviflora* Munro
= **Bambusa tuldoides** Munro

*Leleba multiplex* (Lour.) Nakai, J. Jap. Bot. 9(1): 14. 1933. Basionym: *Arundo multiplex* Lour.
= **Bambusa multiplex** (Lour.) Raeusch. ex Schult. & Schult. f.

*Leleba oldhamii* (Munro) Nakai, J. Jap. Bot. 9(1): 16. 1933. Basionym: *Bambusa oldhamii* Munro
= **Dendrocalamopsis oldhamii** (Munro) Keng f.

*Leleba tuldoides* (Munro) Nakai, J. Jap. Bot. 9(1): 17. 1933. Basionym: *Bambusa tuldoides* Munro
= **Bambusa tuldoides** Munro

*Leleba ventricosa* (McClure) W.C. Lin, Bull. Taiwan Forest Res. Inst. 150: 1305, f. 1. 1963. Basionym: *Bambusa ventricosa* McClure
= **Bambusa ventricosa** McClure

*Leleba vulgaris* (Schrad. ex J.C. Wendl.) Nakai, J. Jap. Bot. 9(1): 17. 1933. Basionym: *Bambusa vulgaris* Schrad. ex J.C. Wendl.
= **Bambusa vulgaris** Schrad. ex J.C. Wendl.

*Lepideilema* Trin., Mem. Acad. Imp. Sci. St.-Petersbourg, Ser. 6, Sci. Math. 1(1): 93. 1830. TYPE: *Lepideilema lancifolium* Trin.
= **Streptochaeta** Schrad. ex Nees

*Lepideilema lancifolium* Trin., Mem. Acad. Imp. Sci. St.-Petersbourg, Ser. 6, Sci. Math. 1(1): 93. 1830.
= **Streptochaeta spicata** subsp. **spicata**

*Leptaspideae* trib. Tzvelev, Komarovskie Ctenija (Moscow & Leningrad) 37: 25. 1987.
NOTE: nom. nov., nom. illeg. superfl.
= **Phareae Stapf**

*Leptaspidoideae* subf. (Tzvelev) C.O. Morales, Sendtnera 5: 244. 1998. Basionym: *Leptaspideae* trib. Tzvelev
NOTE: nom. illeg.
= **Pharoideae L. G. Clark & Judz.**

*Leptocanna* (N.H. Xia) L.C. Chia & H.L. Fung, Acta Phytotax. Sin. 19(2): 212. 1981. TYPE: *Leptocanna chinensis* (Rendle) L.C. Chia & H.L. Fung
= **Schizostachyum** Nees

*Lepturopsis* Steud., Syn. Pl. Glumac. 1: 357. 1854. T-Protol.: F19-21183. TYPE: *Lepturopsis triaristata* Steud.
= **Olyra** L.

*Lingnania* McClure, Lingnan Univ. Sci. Bull. 9: 34. 1940. TYPE: *Lingnania chungii* (McClure) McClure
= **Bambusa** Schreb.

## Lithachne

**Lithachne** P. Beauv., Ess. Agrostogr. 135, 166, 168, t. 24, f. 2. 1812. TYPE: *Lithachne axillaris* P. Beauv.
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 4
CNSLTD LIT.: Soderstrom (1981b); Paisooksantivatana & Pohl (1992); Smith, Wasshausen & Klein (1981).

*Lithachne axillaris* P. Beauv., Ess. Agrostogr. 166, t. 24, f. 2. 1812. T-Protol.: Without type information.
= **Lithachne pauciflora** (Sw.) P. Beauv.

**Lithachne horizontalis** Chase, J. Wash. Acad. Sci. 25(4): 189, f. 1. 1935. T-Protol.: Brazil: Minas Gerais: near Bello Horizonte, on a moist gentle slope above streamlet, 25 Mar 1925, *Agnes Chase 9057* [HT: US-1255920 ]. T-Specim.: 1 of 1. Brazil: Minas Gerais, 25 Mar 1925, *A. Chase 9057* [HT: US-1255920; IT: US-125919, US-1255918].
DST.: Braz.
LVL. ACCPTC.: 1.

**Lithachne humilis** Soderstr., Brittonia 32(4): 496, f. 1, 2a-c. 1980. T-Protol.: Honduras: Dept. Olancho: forested patch in fields along Highway 3, 22 km ENE of Juticalpa, elev. 400 m, 23 Jul 1970, *R.W. Pohl & G. Davidse 12421* [HT: US; IT: ISC ]. T-Specim.: 1 of 1. Honduras: Olancho, 23 Jul 1970, *R.W. Pohl & G. Davidse 12421* [HT: US-2673319].
DST.: Hond.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Soderstrom (1981b).

**Lithachne pauciflora** (Sw.) P. Beauv., Ess. Agrostogr. 135, 168. 1812. Basionym: *Olyra pauciflora* Sw.
DST.: Arge, Beli, Boli, Braz, Cari, CoRi, Ecua, FrGu, Guat, Hond, Mexi, Nica, Pana, Para, Peru, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Adams (1972); Beetle (1977); Brako & Zarucchi (1993); Breedlove (1986); Cowan (1983); Davidse, Sousa & Chater (1994); Gould (1979); Hitchcock (1936); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Liogier & Martorell (1982); Macbride (1936); McClure (1955); McVaugh (1983); Molina R. (1975); Pohl (1980); Renner, Balslev & Holm-Nielsen (1990); Renvoize (1988); Smith, Wasshausen & Klein (1981); Sousa S. & Cabrera C. (1983); Steyermark et al. (1995); Tovar (1993); Zuloaga et al. (1994).
SYN.: *Lithachne axillaris* P. Beauv.; *Olyra axillaris* Lam.; *Olyra pauciflora* Sw.

**Lithachne pinetii** (C. Wright ex Griseb.) Chase, Proc. Biol. Soc. Wash. 21: 182. 1908. Basionym: *Olyra pineti* C. Wright ex Griseb.
DST.: Cari.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Hitchcock (1936).
SYN.: *Olyra pineti* C. Wright ex Griseb.

*Ludolfia* Willd., Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 2: 320. 1808. TYPE: *Ludolfia macrosperma* (Michx.) Willd.; LT designated by McClure, Taxon 6(7): 204 (1957)
NOTE: hom. illeg.
= **Arundinaria** Michx.

*Ludolfia glaucescens* Willd., Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 2: 320. 1808.
= **Bambusa multiplex** (Lour.) Raeusch. ex Schult. & Schult. f.

*Ludolfia macrosperma* (Michx.) Willd., Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 2: 320. 1808. Basionym: *Arundinaria macrosperma* Michx.
= **Arundinaria gigantea** subsp. **macrosperma** (Michx.) McClure

*Ludolfia tecta* (Walter) A. Dietr., Sp. Pl. 2: 24. 1833. Basionym: *Arundo tecta* Walter
= **Arundinaria gigantea** subsp. **tecta** (Walter) McClure

*Ludolfia verticillata* (Nees) A. Dietr., Sp. Pl. 25. 1833. Basionym: *Arundinaria verticillata* Nees
= **Actinocladum verticillatum** (Nees) McClure ex Soderstr.

*Ludolphia* Willd., Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 2: 230. 1808.
NOTE: orth. var. *Ludolfia*, non Adanson 1763, nom. superfl. pro *Arundinaria*
= **Arundinaria** Michx.

*Ludolphia glaucescens* Willd., Ges. Naturf. Freunde Berlin Mag. Neuesten Entdeck. Gesammten Naturk. 2: 320. 1808. T-Specim.: 1 of 1. East Indies [T: B?].
NOTE: orth. var. *Ludolfia*
= **Bambusa multiplex** (Lour.) Raeusch. ex Schult. & Schult. f.

*Ludolphia pinifolia* (Nees) A. Dietr., Sp. Pl. 2: 25. 1833. Basionym: *Arundinaria pinifolia* Nees
NOTE: orth. var. *Ludolfia*
= **Chusquea pinifolia** (Nees) Nees

**Luziola** Juss., Gen. Pl. 33. 1789. TYPE: *Luziola peruviana* Juss. ex J.F. Gmel.
TRTD. BY: Terrell & M. R. Duvall.
NHT: Luziolinae. SPP.: 11
SYN.: *Arrozia* Schrad. ex Kunth; *Caryochloa* Trin.; *Hydrochloa* P. Beauv.

*Luziola alabamensis* Chapm., Fl. South. U.S. 584. 1860. T-Protol.: USA, *Beaumont s.n.* T-Specim.: 1 of 1. USA: Alabama, Conecuh Co., no date, *J.F. Beaumont s.n.* [T: US-979267].
= **Luziola bahiensis** (Steud.) Hitchc.

**Luziola bahiensis** (Steud.) Hitchc., Contr. U.S. Natl. Herb. 12(6): 234. 1909. Basionym: *Caryochloa bahiensis* Steud.
DST.: Arge, Boli, Braz, Cari, Colo, ElSa, FrGu, Guya, Hond, Nica, Para, Peru, Suri, USA, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Adams (1972); Anderson & Hall (1993); Anonymous (1986); Brako & Zarucchi (1993); Burkart (1969); Davidse, Sousa & Chater (1994); Filgueiras (1991); Filgueiras (ined.); Hitchcock (1936); Hitchcock (1951); Judziewicz (1991a); Killeen (1990); Molina R. (1975); Renvoize (1984); Renvoize (1988); Renvoize (1998); Small (1933); Smith, Wasshausen & Klein (1982); Steyermark et al. (1995); Swallen (1965); Tovar (1993); Wunderlin (1998); Zuloaga et al. (1994).
SYN.: *Caryochloa bahiensis* Steud.; *Luziola alabamensis* Chapm.; *Luziola bahiensis* var. *alabamensis* (Chapm.) Prod.; *Luziola bahiensis* var. *bahiensis*; *Luziola contracta* Hack.; *Luziola longivalvula* Döll; *Luziola pusilla* S. Moore; *Luziola striata* Balansa & Poit.

*Luziola bahiensis* var. *alabamensis* (Chapm.) Prod., Bot. Arch. 1: 242. 1922. Basionym: *Luziola alabamensis* Chapm.
NOTE: as *Luziola bahiensis* var. *"alabamonsis"*
= **Luziola bahiensis** (Steud.) Hitchc.

*Luziola bahiensis* (Steud.) Hitchc. var. *bahiensis*
= **Luziola bahiensis** (Steud.) Hitchc.

**Luziola brasiliana** Moric., Pl. Nouv. Amer. 94, t. 60. 1840. T-Protol.: Brazil, *Blanchet 2749* [IT: K ].
DST.: Braz, Vene.
LVL. ACCPTC.: 2.
SYN.: *Luziola doelliana* Prod.; *Luziola pittieri* Luces.

**Luziola brasiliensis** (Trin.) Pilg., Nat. Pflanzenfam. (ed. 2) 14d: 157. 1956. Basionym: *Caryochloa brasiliensis* Trin.
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Arrozia micrantha* Schrad. ex Kunth; *Caryochloa brasiliensis* Trin.; *Luziola brasiliensis* (Trin.) Swallen; *Luziola micrantha* (Schrad. ex Kunth) Benth.

*Luziola brasiliensis* (Trin.) Swallen, Ann. Missouri Bot. Gard. 52(3): 473. 1965. Basionym: *Caryochloa brasiliensis* Trin.
NOTE: isonym
= **Luziola brasiliensis** (Trin.) Pilg.

**Luziola caespitosa** Swallen, Ann. Missouri Bot. Gard. 52(3): 473. 1965. T-Protol.: Brazil: Bahia: north of Cachoeira, in shallow water below little falls, 225 m,, *Chase 8102* [HT: US-1257165 ]. T-Specim.: 1 of 1. Brazil: Bahia, 29 Dec 1924, *A. Chase 8102* [HT: US-1257165].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Renvoize (1984); Swallen (1965).

*Luziola caroliniana* Trin. ex Steud., Nomencl. Bot. (ed. 2) 2: 79. 1841.
= **Luziola fluitans** (Michx.) Terrell & H. Rob.

*Luziola caroliniensis* (P. Beauv.) Raspail, Ann. Sci. Nat. (Paris) 5: 304. 1825. Basionym: *Hydrochloa caroliniensis* P. Beauv.
= **Luziola fluitans** (Michx.) Terrell & H. Rob.

*Luziola contracta* Hack., Oesterr. Bot. Z. 52: 8. 1902. T-Protol.: Brasilia: in provincia Goyaz, *Glaziou 22480*. T-Specim.: 1 of 1. Brazil: Goias, no date, *A.F.M. Glaziou 22480* [HT: W; IT: K, US-3168137].
= **Luziola bahiensis** (Steud.) Hitchc.

**Luziola divergens** Swallen, Ann. Missouri Bot. Gard. 52(3): 475. 1965. T-Protol.: Brazil: Minas Gerais: Santa Terezinha, Ituiutaba, 18 Feb 1950, in lake, *Macedo 2165* [HT: US-1982914 ]. T-Specim.: 1 of 1. Brazil: Minas Gerais, Ituiutaba Mun., 18 Feb 1950, *A. Macado 2165* [IT: US-1982914].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Swallen (1965).

*Luziola doelliana* Prod., Bot. Arch. 1: 240. 1922. T-Specim.: 1 of 2. Brazil: Piauhy: bei Oeiras, *Martius s.n.* [ST]. 2 of 2. Brazil: Bahia: am Flüsse São Francisco bei Jozaera und bei Caxoeira, *Martius s.n.* [ST].
= **Luziola peruviana** Juss. ex J.F. Gmel.

**Luziola fluitans** (Michx.) Terrell & H. Rob., Bull. Torrey Bot. Club 101(5): 244. 1974. Basionym: *Zizania fluitans* Michx.
DST.: Guat, Mexi, USA.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Wunderlin (1998).
SYN.: *Hydrochloa caroliniensis* P. Beauv.; *Hydrochloa caroliniensis* var. *caroliniensis*; *Hydrochloa fluitans* (Michx.) Torr.; *Hydropyrum fluitans* (Michx.) Kunth; *Luziola caroliniana* Trin. ex Steud.; *Luziola caroliniensis* (P. Beauv.) Raspail; *Zizania fluitans* Michx.

**Luziola fluitans** (Michx.) Terrell & H. Rob. var. **fluitans**
LVL. ACCPTC.: 1.
SYN.: *Hydrochloa capillaris* (Lilj.) Hartm.

**Luziola fluitans** var. **oconnorii** (R. Guzmán) G.C. Tucker, J. Arnold Arbor. 69(3): 272. 1988. Basionym: *Hydrochloa caroliniensis* var. *oconnori* R. Guzmán
DST.: Mexi.
LVL. ACCPTC.: 1.
SYN.: *Hydrochloa caroliniensis* var. *oconnori* R. Guzmán.

**Luziola fragilis** Swallen, Ann. Missouri Bot. Gard. 52(3): 474. 1965. T-Protol.: Brazil: Matto Grosso: Aquidauna, in banhado, 24 Jun 1946, *Swallen 9538* [HT: US-1961009 ]. T-Specim.: 1 of 1. Brazil: Mato Grosso, 24 Jun 1946, *J.R. Swallen 9538* [HT: US-1961009; IT: US-1961008].
DST.: Boli, Braz, CoRi, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Filgueiras (ined.); Pohl (1980); Renvoize (1988); Renvoize (1998).

**Luziola gracillima** Prod., Bot. Arch. 1: 241. 1922. T-Protol.: Mexico: Jalisco: bei Guadalajara, *Pringle 3867*. T-Specim.: 1 of 1. Mexico, Jalisco: Jalisco, 2 Oct 1891, *C.G. Pringle 3867* [IT: US-822700, US-979275(photo, SI)].
DST.: Arge, Mexi, Para.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McVaugh (1983); Shreve & Wiggins (1964); Swallen (1965); Zuloaga et al. (1994).

*Luziola leiocarpa* Lindm., Kongl. Svenska Vetenskapsakad. Handl. 34(6): 12, t. 8A. 1900. T-Protol.: Hab. in Brasilia austr., Rio Grande do Sul, Quinta propr oppidium S. Pedro do Rio Grande, in aqua tepida stagnorum, Cachoeira, oppidium camporum, locis uliginosis, mens Dec-Febr. florens, *Exp. I. Regnell., A, 851, 1231*. T-Specim.: 1 of 2. Brazil: Rio Grande Do Sul, 24 Feb 1893, *C.A.M. Lindman 1213* [ST: S; IST: US-703165], Coll. no. cited by Chase as 1213, published by Lindman as 1231. 2 of 2. Brazil: Rio Grande do Sul, *C.A.M. Lindman [Regnell. Exp. I] 851* [ST: S].
= **Luziola peruviana** Juss. ex J.F. Gmel.

*Luziola longivalvula* Döll, Fl. Bras. 2(2): 17. 1871.
NOTE: nom. illeg. superfl.
CORRECT NAME: *Caryochloa bahiensis* Steud.
= **Luziola bahiensis** (Steud.) Hitchc.

*Luziola mexicana* Kunth, Nov. Gen. Sp. 1: 199. 1816.
NOTE: nom. nud.
= **Luziola peruviana** Juss. ex J.F. Gmel.

*Luziola micrantha* (Schrad. ex Kunth) Benth., J. Linn. Soc., Bot. 19(115, 116): 55. 1881. Basionym: *Arrozia micrantha* Schrad. ex Kunth
= **Luziola brasiliensis** (Trin.) Pilg.

**Luziola peruviana** Juss. ex J.F. Gmel., Syst. Nat. 2: 637. 1791. T-Protol.: Peruvia, *Dombey s.n.* T-Specim.: 1 of 1. Peru, *Dombey s.n.* [HT: ?; IT: K].
DST.: Arge, Boli, Braz, Cari, Colo, Ecua, ElSa, Guat, Hond, Mexi, Para, Peru, USA, Urug.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Anderson & Hall (1993), Anonymous (1986); Beetle (1977); Berendsohn & Araniva de González (1991); Brako & Zarucchi (1993); Breedlove (1986); Burkart (1969); Camara Hernández, J. (1970); Cowan (1983); Davidse, Sousa & Chater (1994); Döll (1871); Fabris (1970); Foster (1958); Hitchcock (1927); Hitchcock (1936); Hitchcock (1951); Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Killeen (1990); Macbride (1936); McClure (1955); Molina R. (1975); Renvoize (1984); Renvoize (1998); Rosengurtt, Arrillaga de Maffei & Izaguirre de Artuco (1970); Small (1933); Smith, Wasshausen & Klein (1982); Swallen (1965); Tovar (1993); Wunderlin (1998); Zuloaga et al. (1994).
SYN.: *Luziola brasiliana* Moric.; *Luziola doelliana* Prod.; *Luziola leiocarpa* Lindm.; *Luziola mexicana* Kunth; *Milium natans* Spreng.

*Luziola pittieri* Luces, J. Wash. Acad. Sci. 32(6): 159, f. 3. 1942. T-Protol.: Venezuela: Guárico: Dos Caminos, 12 Sep 1927, *H. Pittier 12530* [HT: VEN; IT: US ]. T-Specim.: 1 of 1. Venezuela: Guárico, 12 Sep 1927, *H. Pittier 12530* [IT: VEN; IT: US-1343994].
= **Luziola brasiliana** Moric.

*Luziola pusilla* S. Moore, Trans. Linn. Soc. London, Bot. 4: 507, t. 37, f. 1-8. 1895. T-Protol.: Brazil, *Parker 760* [HT: K ].
= **Luziola bahiensis** (Steud.) Hitchc.

*Luziola spiriformis* Andersson ex Balansa & Poit., Bull. Soc. Hist. Nat. Toulouse 12: 232, t. 5. 1878.
= **Luziola spruceana** Benth. ex Döll

**Luziola spruceana** Benth. ex Döll, Fl. Bras. 2(2): 18. 1871. T-Protol.: Brasilia, *Spruce 103* [IT: US ].
DST.: Braz, Cari, Hond, Para, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Adams (1972); Davidse, Sousa & Chater (1994); Hitchcock (1936); Molina R. (1975); Swallen (1965).
SYN.: *Luziola spiriformis* Andersson ex Balansa & Poit.

*Luziola striata* Balansa & Poit., Bull. Soc. Hist. Nat. Toulouse 12: 231, t. 4, f. 2. 1878. T-Protol.: Paraguay, *Balansa 181* [IT: K ].
= **Luziola bahiensis** (Steud.) Hitchc.

**Luziola subintegra** Swallen, Ann. Missouri Bot. Gard. 30(2): 165. 1943. T-Protol.: Panama: Canal Zone: floating in Charges River at Juan Mina, 25 June-29 Aug 1940, *Bartlett & Lasser 16816* [HT: US; IT: MO, US ]. T-Specim.: 1 of 1. Panama: Canal Zone, 25 Jun 1940 to 29 Aug 1940, *H.H. Bartlett & T. Lasser 16816* [HT: US-1911208; IT: MO, US-1911205].
DST.: Arge, Boli, Braz, Cari, Colo, Ecua, ElSa, Guya, Hond, Mexi, Nica, Pana, Para, Peru, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Berendsohn & Araniva de González (1991); Brako & Zarucchi (1993); Breedlove (1986); Davidse, Sousa & Chater (1994); Gould (1979); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Molina R. (1975); Pohl (1980); Renner, Balslev & Holm-Nielsen (1990); Renvoize (1998); Steyermark et al. (1995); Swallen (1965); Tovar (1993); Zuloaga et al. (1994).

## Luziolinae subtrib. Terrell & H. Rob., Bull. Torrey Bot. Club 101(5): 244. 1974. TYPE: *Luziola* Juss.

TRTD. BY: The authors.
NHT: Oryzeae.

## Maclurolyra C.E. Calderón & Soderstr., Smithsonian Contr. Bot. 11: 6. 1973. TYPE: *Maclurolyra tecta* C.E. Calderón & Soderstr.

TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 1
CNSLTD LIT.: Calderón & Soderstrom (1973).

**Maclurolyra tecta** C.E. Calderón & Soderstr., Smithsonian Contr. Bot. 11: 6. 1973. T-Protol.: Panama: Colón: Santa Rita, ca. 25 km before Colón on the Carretera Transistmica, 9 Mar. 1968, *Calderón 2084* [HT: US; IT: BAA, F, K, MO, NY, P, SI ]. T-Specim.: 1 of 1. Panama: Colón: Santa Rita, ca. 25 km antes de Colón por la carretera Transistmica, terminación del camino madero, 9 Mar 1968, *C.E. Calderón 2084* [HT: US-2641981; IT: BAA, F, K, MO-2242463, NY, P,, US-2641980].
DST.: Colo, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994);.

*Macronax* Raf., Med. Repos., ser. 2, 5: 353. 1808.
NOTE: nom. illeg. superfl.
= **Arundinaria** Michx.

*Mapira* Adans., Fam. Pl. 2: 39, 574. 1763.
NOTE: nom. illeg. superfl.
= **Olyra** L.

*Matudacalamus* F. Maek., J. Jap. Bot. 36(10): 343. Oct 1961. TYPE: *Matudacalamus laxus* F. Maek.
= **Aulonemia** Goudot

*Matudacalamus laxus* F. Maek., J. Jap. Bot. 36(10): 345. 1961. T-Protol.: Hab. Mexico: Chiapas: Sierra Madre del Sur, La laguna, prope Mapastepec, ca. 2200 m alt. in sylva Querci, Nov 1960, *F. Maekawa & T. Tateoka 603183* [HT: TI]. T-Specim.: 1 of 1. Mexico: Chiapas, *Maekawa & Tateoka 603183* [HT: TI; IT: MEXU].
= **Aulonemia laxa** (F. Maek.) McClure

*Melinum* Link, Handbuch 1: 96. 1829. TYPE: *Melinum palustre* (L.) Link
NOTE: hom. illeg.
= **Zizania** L.

*Melinum palustre* (L.) Link, Handbuch 1: 96. 1829. Basionym: *Zizania palustris* L.
= **Zizania palustris** var. **palustris**

## Melocanna Trin., Neue Entdeck. Pflanzenk. 2: 43. 1820. TYPE: *Melocanna bambusoides* Trin.; nom. illeg. superfl. **Bambusa baccifera** Roxb.

TRTD. BY: Soreng, R. J.
NHT: Melocanninae. SPP.: 1
CNSLTD LIT.: Young & Haun (1961); Geng & Wang (1996).
SYN.: *Beesha* Kunth.

**Melocanna baccifera** (Roxb.) Kurz, Prelim. Rep. Forest Pegu Appendix B: 94. 1875. Basionym: *Bambusa baccifera* Roxb.
DST.: Cari, Colo, CoRi, Ecua.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Jørgensen & León-Yánez (1999); McClure (1955); Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa baccifera* Roxb.; *Melocanna bambusoides* Trin.

*Melocanna bambusoides* Trin., Neue Entdeck. Pflanzenk. 2: 43. 1821.
NOTE: nom. illeg. superfl.
CORRECT NAME: *Bambusa baccifera* Roxb.
= **Melocanna baccifera** (Roxb.) Kurz

*Melocanneae* UNRANKED. Rchb., Deutsch. Fl. 6: 6. 1846.
= **Melocanninae** subtrib. Benth.

## Melocanninae subtrib. Benth., J. Linn. Soc., Bot. 19: 31. 1881.

NOTE: as "Melocanneae"
TRTD. BY: The authors.
NHT: Bambuseae.
SYN.: subtrib. *Schizostachydinae* Soderstr. & R.P. Ellis; UNRANKED. *Melocanneae* Rchb.

## Merostachys Spreng., Syst. Veg. 1: 132, 249. 1824. TYPE: *Merostachys speciosa* Spreng.

TRTD. BY: Judziewicz.

NHT: Arthrostylidiinae. SPP.: 46
CNSLTD LIT.: McClure (1973); Sendulsky (1992); Sendulsky (1995); Sendulsky (1997); Davidse & Pohl (1992).
SYN.: *Brasilocalamus* Nakai; *Guadua lindmanii* E.G. Camus.

**Merostachys abadiana** Send., Novon 5(1): 77, f. 1. 1995. T-Protol.: Brazil: Estado do São Paulo: Municipio Itatinga, Abadia, 26 Sep. 1978 (fl)., *Campos Neto s.n.* [HT: SP-154498 ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys annulifera** Send., Novon 7(3): 286, f. 1. 1997. T-Protol.: Brazil: Bahia: Mun. Uruçuca, Estrada Serra Grande-Ilheus, km 2 (Mata de restinga), 20 Oct 1983 (fl), *Santos, Soderstrom et al. 3906* [HT: SP; IT: MO ].
DST.: Braz.
LVL. ACCPTC.: 1.

*Merostachys anomala* Dutra, Revista Sudamer. Bot. 5(5-6): 151, f. 3. 1938. T-Protol.: Habitat in silva primaeva ad mediuam altitudinem, in Serra Geral. T-Specim.: 1 of 1. Brazil: Rio Grande do Sul, Oct 1906, *J. Dutra 518* [T: US-1723528(fragm.)].
= **Merostachys multiramea** Hack.

**Merostachys argentea** Send., Novon 7(3): 287, f. 2. 1997. T-Protol.: Brazil: Bahia: Mun. Porto Seguro, forest slopes of "morro" on Fazenda Carvalho, ca. 26 km W of town of Monte Pascoal, from 380 to 460 m, 15 My 1976 (st), *Soderstrom, Russell & Hage 2213* [HT: CEPEC; IT: SP, US ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys argyronema** Lindm., Kongl. Svenska Vetenskapsakad. Handl. 34(6): 22, t. 15. 1900. T-Protol.: Hab. in Brasilia, São Paulo, Santos, Sororocaba, prope cacumen montis Espigão do Curupira, alt. ca. 700 m, florens mens. Mart. 1875, *Mosén 3726* [HT: S ]. T-Specim.: 1 of 1. Brazil: São Paulo, Mar 1875, *C.W.H. Mósen 3726* [HT: S; IT: US-79097].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1955); McClure (1973).

**Merostachys bifurcata** Send., Novon 7(3): 290, f. 3. 1997. T-Protol.: Brazil: Bahia: Mun. Porto Seguro, Parque Nacional Monte Pascoal, 14 km E of Br 101 at a point 13 km N of Itamarajú, 110 m, 12 May 1976 (st), *T.R. Soderstrom, Russell & Hage 2202* [HT: US; IT: CEPEC, SP ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys bradei** Pilg., Notizbl. Bot. Gart. Berlin-Dahlem 10(91): 114. 1927. T-Protol.: Brasilien: São Paulo: Iguapé, 300 m, Serrinhas, mit junger Frucht im Sep 1926, *A.C. Brade 8462*. T-Specim.: 1 of 1. Brazil: São Paulo, no date, *A.C. Brade 8462* [HT: B; IT: US-79096].
DST.: Braz.
LVL. ACCPTC.: 2.
ALSO ACCPTD BY: McClure (1973).

**Merostachys brevispica** Munro, Trans. Linn. Soc. London 26(1): 49. 1868. T-Protol.: Hab. in Peruvia prope Tatapoto, *Spruce s.n.* [HT: K ]. T-Specim.: 1 of 1. Peru: San Martin, 1855 to 1856, *R. Spruce s.n.* [HT: K(fragm., US-1126707)].
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Hitchcock (1927); Macbride (1936); McClure (1973); Tovar (1993).

*Merostachys burchellii* Munro, Trans. Linn. Soc. London 26(1): 51. 1868. T-Protol.: Hab. in Brasilia australi, pr. Santos, *Burchell 3243* [HT: K ].
= **Merostachys claussenii** var. **mollior** Döll

**Merostachys burmanii** Send., Novon 2(2): 111, f. 1. 1992. T-Protol.: Brazil: São Paulo, Jardim Botanico, 25 Mar 1944, *Kuhlmann s.n.* [HT: SP-79757; IT: US-2678539 ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys calderoniana** Send., Novon 7(3): 290, f. 4. 1997. T-Protol.: Brazil: Bahia: Mun. de Una, road Una-Olivença, 20 km N of Una, 70 m, growing in coastal forest on sandy soil, 27 Apr 1976 (st), *Calderón, Santos & Oliveira 2400* [HT: US; IT: CEPEC ].
DST.: Braz.
LVL. ACCPTC.: 1.

*Merostachys capitata* Hook., Icon. Pl. 3: t. 273, 274. 1840. T-Specim.: 1 of 2. Brazil: common in low woods around Rio, *G. Gardner 136* [ST: US-79094]. 2 of 2. southern Brazil, *Tweedie s.n.* [ST: K].
= **Athroostachys capitata** (Hook.) Benth.

*Merostachys capitata* var. *angustifolia* Döll, Fl. Bras. 2(3): 217. 1880. T-Protol.: Brasilia, *Riedel s.n.*
= **Athroostachys capitata** (Hook.) Benth.

*Merostachys capitata* Hook. var. *capitata*
= **Athroostachys capitata** (Hook.) Benth.

**Merostachys caucaiana** Send., Novon 5(1): 80, f. 2. 1995. T-Protol.: Brazil: Estado de São Paulo: Município de Cotia, Caucaia, 1978 (fl)., *O. Handro & Menezes s.n.* [HT: SP-262720 ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys ciliata** McClure & L.B. Sm., Fl. Il. Catarin. Gram. Suppl.: 71, t. 21d-h. 1967. T-Protol.: Brazil: Estado de S. Catarina: Brusque, Azambuja, mata, 50 m" 15 Jan. 1958, *P.R. Reitz 5940* [HT: US-2240927 ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 15 Jan 1958, *R. Reitz 5940* [HT: US-2240927].

DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Smith, Wasshausen & Klein (1981).

**Merostachys claussenii** Munro, Trans. Linn. Soc. London 26(1): 48. 1868. T-Specim.: 1 of 3. Brazil: Minas Gerais, *Claussen s.n.* [ST]. 2 of 3. Brazil: Organ Mts., *Wilkes s.n.* [ST]. 3 of 3. Brazil: Organ Mts., *Miers 4238* [ST].
DST.: Arge, Braz, Para.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973); Renvoize (1988); Zuloaga et al. (1994).

**Merostachys claussenii** Munro var. **claussenii**
DST.: Arge, Braz, Para.
LVL. ACCPTC.: 1.

**Merostachys claussenii** var. **mollior** Döll, Fl. Bras. 2(3): 214. 1880. T-Protol.: Brazil: Habitat ad Caldas, prov. Minarum, *Regel III 1425*.
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Merostachys burchellii* Munro.

**Merostachys exserta** Munro, Bambusees 1: 74, t. 44A. 1913. T-Protol.: Brésil: Province de Minas Gerais, 1816-1821, *A. de Saint-Hilaire Cat. D, 713*.
NOTE: Munro's description is quoted and he is given as author
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973).

**Merostachys filgueirasii** Send., Novon 5(1): 80, f. 3. 1995. T-Protol.: Brazil: Distrito Federal: Catetinho, 15.57'S, 47.59'W, 7 Jan. 1982 (fl), *Filgueiras & Pereira 953* [HT: IBGE; IT: CCN, MG, SP, UEC ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys fimbriata** Send., Novon 7(3): 302, f. 11. 1997. T-Protol.: Brazil: Rondônia: Macisa/Maciça/cassiterite mine, ca. 17 km N of São Lourenço, mine on NW site of Rio Madeira, 17 Jul 1979 (st), *Calderón & Monteiro 2870* [HT: MO ].
DST.: Brazil.
LVL. ACCPTC.: 1.

**Merostachys fischeriana** Rupr. ex Döll, Fl. Bras. 2(3): 215. 1880. T-Protol.: Brasilia: habitat in collibus silvaticis prope S. Luzia prov. Minarum, *Riedel 2986*. T-Specim.: 1 of 1. Brazil: pr. St. Luzia in collib. sylvat., Nov 1834, *L. Riedel 2986* [HT: LE; IT: K, US-79090].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973); Renvoize (1984); Renvoize (1988).

**Merostachys fistulosa** Döll, Fl. Bras. 2(3): 209, t. 55. 1880. T-Protol.: Brasilia: habitat ad Caldas prov. Minarum, *Regnell III 1424*. T-Specim.: 1 of 1. Brazil: Minas Gerais, 28 Dec 1859, *A.F. Regnell II, 1424* [HT: S(fragm., US-1021515); IT: S-1021516].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973).

**Merostachys glauca** McClure & L.B. Sm., Fl. Il. Catarin. Gram. Suppl.: 74, t. 12N. 1967. T-Protol.: Brazil: Estado de S. Catarina: Palhoca, Piloes, mata, 200 m. 24 Feb. 1956, *Reitz & Klein 2737* [HT: US ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 24 Feb 1956, *R. Reitz & R. Klein 2737* [HT: US-2236977, US-2236076, US-2236075].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Sendulsky (1995); Smith, Wasshausen & Klein (1981).

**Merostachys kleinii** Send., Novon 5(1): 84, f. 5. 1995. T-Protol.: Brazil: Santa Catarina: Papanduva, E.R.F., 1 km ao sul da entrada para Papanduva, 800 m, 16 Jan. 1974 (fr), *Klein & Klein 11008* [HT: RB; IT: US ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys kunthii** Rupr., Bambuseae 37, t. 10, f. 30. 1839. T-Protol.: In sylvis montium pr. Rio de Janeiro, *Beyrich s.n.* T-Specim.: 1 of 1. Brazil, no date, *H.C. Beyrich s.n.* [IT: US-79089].
NOTE: based on *Merostachys speciosa* Spreng., as misapplied by Kunth. Illustration in Kunth, Rev. Gram. 1: 139 (1829), as *M. speciosa* Spreng.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973); Renvoize (1988).

**Merostachys lanata** Send., Novon 7(3): 292, f. 5. 1997. T-Protol.: Brazil: Bahia: Mun. Porto Seguro: on road to Eunápolis, forest on white sand, property of Lewis and Iva Lee Hartman, 40 m, 9 May 1976 (fl), *T.R. Soderstrom, Russell & Hage 2191* [HT: US; IT: CEPEC, SP ].
DST.: Braz.
LVL. ACCPTC.: 1.

*Merostachys latifolia* R.W. Pohl, Revista Biol. Trop. 39(1): 121. 1991[1992].
NOTE: nom. nud.
CORRECT NAME: *Merostachys latifolia* R.W. Pohl

**Merostachys latifolia** R.W. Pohl, Novon 2(2): 88, f. 3. 1992. T-Protol.: Nicaragua: Jinotega, *W. D. Stevens & J. Henrich 20418* [HT: ISC; IT;BM, CAS, COL, CR, EAP, F, HNMN, K, L, MEXU, MO, NY, PMA, RB, SI, SP, US, VEN ].
NOTE: cites *Merostachys latifolia* R. W. Pohl, Revista Biol. Trop. 39: 121. (1991), nom. inval.
DST.: CoRi, Guat, Hond, Nica, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse & Pohl (1992), Davidse, Sousa & Chater (1994);.

**Merostachys leptophylla** Send., Novon 7(3): 295, f. 6. 1997. T-Protol.: Brazil: Bahia: Mun. Ibicaraí: between Ibicaraí and Floresta azul, at 7 km from Ibicaraí, 270 m, 3 Apr 1976 (fl), *T.R. Soderstrom, Russell & Hage 2106* [HT: US; IT: CEPEC, SP ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys magellanica** Send., Novon 5(1): 86, f. 6. 1995. T-Protol.: Brazil: State of São Paulo: Município Anhembi, Fazenda Barreiro Rico, 22.40'S, 48.09'W, 510 m, 11 Jan. 1988 (fr), *Reis de Magalhães s.n.* [HT: SP-248339; IT: BLA, BR, IBGE, ICN, K, MO, NY, P, R, RB, UB, UEC, US, W, WIS ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys magnispicula** Send., Novon 7(3): 296, f. 7. 1997. T-Protol.: Brazil: Bahia: Ilheus, Salobrinho, 18 Dec 1968 (fl), *Almeida & Santos 289* [HT: CEPEC ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys maguireorum** McClure, Mem. New York Bot. Gard. 10(5): 5. 1964. T-Protol.: Venezuela: Amazonas: rain forest, Upper Río Cunucunuma, alt. 200 m, May 1949, clumped bamboo od some 10-15 stems, culms ca. 40 ft long, lower internodes 4-5 ft long, infrequent, *B. Maguire & B. Maguire, Jr. 29163* [HT: US; IT: NY ]. T-Specim.: 1 of 1. Venezuela: Amazonas, 3 May 1949, *B. Maguire & B. Maguire fil. 29163* [HT: US-2040197; IT: NY].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Steyermark et al. (1995).

**Merostachys medullosa** Send., Novon 7(3): 298, f. 8. 1997. T-Protol.: Brazil: Bahia: Mun. Porto Seguro: forested slopes of "morro" on Fazenda Carvalho, ca. 26 km W of town of Monte Pascoal, at end of road that intersects with BR 101 in Monte Pascoal, 380-460 m, 15 May 1976 (fl), *T.R. Soderstrom, Russell & Hage 2212* [HT: US; IT: CEPEC, SP ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys multiramea** Hack., Repert. Spec. Nov. Regni Veg. 7(149-151): 326. 1909. T-Protol.: Brasilia: Rio Grande do Sul: Municipio Rio Pardo, Fazenda Itacolamy, 70 m, *C. Juergens s.n.* T-Specim.: 1 of 1. Brazil: Rio Grande do Sul, no date, *C. Juergens G. 308* [HT: W; IT: US-79088, US-1021518].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (1991); McClure (1973); Molina R. (1975); Renvoize (1988); Sendulsky (1995); Smith, Wasshausen & Klein (1981); Zuloaga et al. (1994).
SYN.: *Merostachys anomala* Dutra.

**Merostachys neesii** Rupr., Bambuseae 37, t. 10, f. 31. 1839. T-Protol.: Brasilia[HT: B ]. T-Specim.: 1 of 1. Brazil, no date, *F. Sellow s.n.* [HT: B; IT: US-79087].
NOTE: based on *Merostachys speciosa* sensu Nees, non sensu Spreng.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973).

**Merostachys pauciflora** Swallen, Amer. Midl. Naturalist 29(2): 469, f. 1. 1943. T-Protol.: British Honduras: Stann Creek Dist.: Stann Creek Valley, on bank of Big Eddy Creek, 12 Jan 1941, *Gentle 3485* [HT: US-145106; IT: LL, MICH ].
NOTE: as *Merostachys "pauciflorus"*
DST.: Beli.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); McClure (1955); McClure (1973);.

**Merostachys petiolata** Döll, Fl. Bras. 2(3): 216. 1880. T-Protol.: Brasilia: habitat prope Rio de Janeiro, *Glaziou 6926*. T-Specim.: 1 of 1. Brazil: Rio de Janeiro, no date, *A.F.M. Glaziou 6926* [IT: US-734827].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Smith, Wasshausen & Klein (1981).

**Merostachys pilifera** Send., Novon 5(1): 90, f. 8. 1995. T-Protol.: Brazil: rio Grande do Sul: Mun. São Francisco de Paula, Primeiro Distrito, São Francisco de Paula, Morro da Pera (uppermost part of Serra Geral), 29.27'S 50.35'W, alt. 970 m, 11 May 1972 (fl)., *Soderstrom & Sucre 1987* [HT: RB ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys pluriflora** Munro ex E.G. Camus, Bambusees 1: 77. 1913. T-Specim.: 1 of 2. Brazil: Santa Catarina, no date, *C. Gaudichaud-Beaupre 97* [ST: US-79085, US-79086]. 2 of 2. Chili, *Herb. Maire ex Herb. Bureau 1875* [ST: P], Mistakingly said to originate in Chile.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Smith, Wasshausen & Klein (1981).
SYN.: *Bambusa pubescens* Döll; *Brasilocalamus pubescens* Nakai.

**Merostachys polyantha** McClure, Smithsonian Contr. Bot. 9: 91. 1973. T-Specim.: 1 of 2. Brazil: São Paulo: Mun. Mongaguá: Serra de Mongaguá, pr. Praia Grande, 24 Aug 1962, *A. Lima 62-4122* [ST: K, US-2959595, US-2959596, US-3048742]. 2 of 2. Brazil: São Paulo: Mun. Mongaguá: Serra de Mongaguá, pr. Praia Grande, 19 Aug 1926, *Flavia Tórgo s.n.* [ST: HB, US].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys procerrima** Send., Novon 7(3): 300, f. 9. 1997. T-Protol.: Brazil: Bahia: Mun. Porto Seguro:

Reserva Biológica do Pau Brazil (CEplac), primary hygrophilic forest with tall trees, 35 m, 7 May 1976 (st), *T.R. Sodertrom, Russell & Hage 2187* [HT: US; IT: CEPEC, SP ].
DST.: Braz.
LVL. ACCPTC.: 1.

*Merostachys racemiflora* (Steud.) E. Fourn., Mexic. Pl. 2: 131. 1886. Basionym: *Arthrostylidium racemiflorum* Steud.
= **Rhipidocladum racemiflorum** (Steud.) McClure

**Merostachys ramosissima** Send., Novon 7(3): 300, f. 10. 1997. T-Protol.: Brazil: Bahia: Mun. Ubaira, 3 km e of Ubaira and 11 km W of Matuipe, 425 m, 26 Apr 1976 (fl), *T.R. Soderstrom, Russell & Hage 2164* [US; IT: CEPEC, SP ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys retrorsa** McClure, Mem. New York Bot. Gard. 10(5): 6. 1964. T-Protol.: Venezuela: Bolívar: Chimantá Massif, on portage trail along Río Tirica ( Rio Aparuren) just above Techine-meru, 470 m, 16 Jan 1955, *Steyermark & Maguire 117* [HT: US; IT: NY ]. T-Specim.: 1 of 1. Venezuela: Bolívar: Chimantá Massif, on portage trail along Río Tirica, 16 Jan 1955, *J.A. Steyermark & J.J. Wurdack 117* [HT: US-2182093, US-2182092; IT: F, NY, UB].
DST.: Guya, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1991a); McClure (1973); Steyermark et al. (1995).

**Merostachys riedeliana** Rupr. ex Döll, Fl. Bras. 2(3): 213. 1880. T-Specim.: 1 of 1. Brazil: São Paulo: pr. St. Carlos, in sylvis, Jan 1834, *L. Riedel 1856* [HT: LE-TRIN-3187.01; IT: US-79084, US-1021519].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973).

**Merostachys rondoniensis** Send., Novon 7(3): 305, f. 12. 1997. T-Protol.: Brazil: Rondônia: Manaus-Porto Velho Highway, 7 km N of Porto Velho, growing in secondary forest near the road, 7 Jul 1979 (fl), *Calderón, Monteiro & Gedes 2780* [HT: MO ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys scandens** Send., Novon 5(1): 92, f. 9. 1995. T-Protol.: Brazil: State of São Paulo: Município de São Paulo, 10 km S of center of city of São Paulo, in grounds of the Instituto de Botânica, Parque do Estado, 6 Dec. 1973 (fl.)., *Sendulsky 1319* [HT: SP; IT: BLA, BR, IBGE, ICN, K, MO, NY, P, R, RB, UB, UEC, US, W, WIS ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys sellovii** Munro, Trans. Linn. Soc. London 26(1): 51. 1868. T-Protol.: Hab. Paraguay in acumine montis Cabo do Butucaray, *Sellow s.n.*
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973).

**Merostachys skvortzovii** Send., Novon 5(1): 94, f. 10. 1995. T-Protol.: Brazil: Estado de São Paulo: São Paulo Parque do Estado e Jardim Botânico, 20 Oct. 1973., *Skvortzov s.n.* [HT: SP-120954 ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Merostachys sparsiflora** Rupr., Bambuseae 37, t. 10, f. 32. 1839. T-Protol.: Brasilia: ad sinum omnium sanctorum, *Riedel s.n.* T-Specim.: 1 of 1. Brazil: Bahia, *L. Riedel s.n.* [HT: LE?; IT: K, US-79083].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973); Renvoize (1984).

**Merostachys speciosa** Spreng., Syst. Veg. 2: 249, f. 37b-n. 1825. T-Protol.: Brasilia, *Sellow s.n.* T-Specim.: 1 of 1. Brazil, no date, *F. Sellow s.n.* [HT: LE; US-79082].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973); Renvoize (1988); Smith, Wasshausen & Klein (1981).

**Merostachys ternata** Nees, Fl. Bras. Enum. Pl. 2: 529. 1829. T-Protol.: Brasilia: habitat in sylvis, alt. 1200-1800 ped. praesertim super Serra do Mar, provinciarum S. Pauli et Rio de Janeiro, Minarum etiam general. T-Specim.: 1 of 1. Brazil: São Paulo, no date, *K.F.P. von Martius 1818* [T: US-79081].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1880); McClure (1973); Renvoize (1984); Renvoize (1988); Smith, Wasshausen & Klein (1981).

**Merostachys vestita** McClure & L.B. Sm., Fl. Il. Catarin. Gram. Suppl.: 72, t. 12i-j. 1967. T-Protol.: Brazil: Estado de Santa Catarina: Cacador, Rio Cacador, 22 Jan 1946, *Swallen 8290* [HT: US-2152483 ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, 22 Jan 1946, *J.R. Swallen 8290* [HT: US-2152484, US-2152485].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: McClure (1973); Smith, Wasshausen & Klein (1981).

*Miegia* Pers., Syn. Pl. 1: 101. 1805. TYPE: *Miegia macrosperma* (Michx.) Pers.
NOTE: nom. illeg. superfl.
= **Arundinaria** Michx.

*Miegia arundinacea* Torr. ex Munro, Trans. Linn. Soc. London 26(1): 15. 1868.
= **Arundinaria gigantea** (Walter) Muhl.

*Miegia arundinaria* Raf., W. Rev. & Misc. Mag. 1: 93. 1819.
NOTE: nom. nud.

= **Arundinaria gigantea** (Walter) Muhl.

*Miegia gigantea* (Walter) Nutt., Gen. N. Amer. Pl. 1: 39. 1818. Basionym: *Arundo gigantea* Walter
= **Arundinaria gigantea** (Walter) Muhl.

*Miegia macrosperma* (Michx.) Pers., Syn. Pl. 1: 102. 1805. Basionym: *Arundinaria macrosperma* Michx.
= **Arundinaria gigantea** subsp. **macrosperma** (Michx.) McClure

*Miegia pumila* Nutt., Trans. Amer. Philos. Soc., n.s., 5: 149. 1837. T-Protol.: Hab. at the confluence of Kiamesha and Red rivers, in alluvial lands.
= **Arundinaria gigantea** (Walter) Muhl.

*Milium natans* Spreng., Syst. Veg. 1: 250. 1825.. T-Protol.: Uruguay: Rio de La Plata, *Sellow s.n.*.
= **Luziola peruviana** Juss. ex J.F. Gmel.

## **Mniochloa** Chase, Proc. Biol. Soc. Wash. 21: 185. 1908. TYPE: *Mniochloa pulchella* (Griseb.) Chase

TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 1
CNSLTD LIT.: Zuloaga, Morrone & Judziewicz (1993).

**Mniochloa pulchella** (Griseb.) Chase, Proc. Biol. Soc. Wash. 21: 186, t. 4. 1908. Basionym: *Digitaria pulchella* Griseb.
DST.: Cari.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Hitchcock (1936); Zuloaga, Morrone & Judziewicz (1993).
SYN.: *Digitaria pulchella* Griseb.; *Strephium pulchellum* (Griseb.) C. Wright.

*Mniochloa strephioides* (Griseb.) Chase, Proc. Biol. Soc. Wash. 21: 186. 1908. Basionym: *Olyra strephioides* Griseb.
= **Piresiella strephioides** (Griseb.) Judz., Zuloaga & Morrone

*Moorea quila* (Molina) Stapf, Gard. Chron., ser. 3, 34: 400. 1903. Basionym: *Arundo quila* Molina
= **Chusquea quila Kunth**

## **Myriocladus** Swallen, Fieldiana, Bot. 28(1): 34. 1951. TYPE: *Myriocladus virgatus* Swallen; LT designated by McClure, Taxon 6: 205 (1957)

TRTD. BY: Judziewicz.
NHT: Arthrostylidiinae. SPP.: 12
CNSLTD LIT.: Judziewicz (1998).

*Myriocladus affinis* Swallen, Mem. New York Bot. Gard. 9(3): 244, f. 3f. 1957. T-Protol.: Venezuela: Bolívar: Cerro Guaiquinima, Río Paragua, occasional about thickets, borders of woodlands, and rocky elevations, Cumbre Camp, 1800 m, 28 Dec 1951, *Maguire 32792* [HT: US-2078760]. T-Specim.: 1 of 1. Venezuela: Bolívar: Cerro Guaiquinima, Río Paragua, occasional about thickets, borders of woodlands, and rocky elevations, Cumbre Camp, 1800 m, 28 Dec 1951, *B. Maguire 32792* [HT: US-2078760; IT: F-1448800, NY (2 sheets)].
= **Myriocladus longiramosus** Swallen

**Myriocladus cardonae** Swallen, Fieldiana, Bot. 28(1): 35. 1951. T-Protol.: Venezuela: collected on Cumbre del Cerro Acopán, Caroni, Oct 1947, *F. Cardona 2307* [HT: US-1914812, US-1914813, US-1914814]. T-Specim.: 1 of 1. Venezuela: Cerro Acopán, Chimanatá Massif, 2150 m, Oct 1947, *F. Cardona 2307* [HT: US-1914814, US-1914813, US-1914812; IT: (fragm., MO), VEN].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1998); McClure (1973); Steyermark et al. (1995); Swallen, Sohns & Black (1957).

**Myriocladus churunensis** Swallen, Acta Bot. Venez. 2(5-8): 132. 1967. T-Protol.: Venezuela: Bolívar: Auyan-tepuí, cumbre de la parte norte de la seccion sur, a lo largo del Río Churún, SE del Second Wall, vecinidad del ca. 1690 m, 3 May 1964, *Steyermark 93281* [HT: US-2434006]. T-Specim.: 1 of 1. Venezuela: Bolívar: Auyan-tepuí, cumbre de la parte norte de la seccion sur, a lo largo del Río Churún, SE del Second Wall, vecinidad del ca. 1690 m, 3 May 1964, *J.A. Steyermark 93281* [HT: US-2434006; IT: F(fragm., MO), NY, US-2434005, VEN].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1998); McClure (1973); Steyermark et al. (1995).

*Myriocladus confertus* Swallen, Mem. New York Bot. Gard. 9(3): 397. 1957. T-Protol.: Venezuela: Bolívar: Toronó-tepuí, Chimanta Massif, west side of Middle Falls of Río Tirica below Summit Camp, 1760 m, 1 Mar 1955, *J.A. Steyermark & J.J. Wurdack 1220* [HT: US-2182098]. T-Specim.: 1 of 1. Venezuela: Bolívar: Toronó-tepuí, Chimanta Massif, west side of Middle Falls of Río Tirica below Summit Camp, 1760 m, 1 Mar 1955, *J.A. Steyermark & J.J. Wurdack 1220* [HT: US-2182098; IT: NY, US-2182099, VEN(fragm., MO)].
NOTE: for illustration, see Mem. New York Bot. Gard. 9(3): 248, f. 4c (1957)
= **Myriocladus distantiflorus** Swallen

**Myriocladus distantiflorus** Swallen, Mem. New York Bot. Gard. 9(3): 248, f. 4d. 1957. T-Protol.: Venezuela: Bolívar: Chimantá Massif, Cumbre of Cerro Apacará, Río Caroni, 2300 m, 11 Nov 1946, *Cardona 1972*. T-Specim.: 1 of 1. Venezuela: Bolívar: Chimantá Massif, Cumbre of Cerro Apacará, Río Caroni, 2300 m, 11 Nov 1946, *F. Cardona 1972* [HT: VEN(fragm., US-2554699)].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1998); McClure (1973); Steyermark et al. (1995); Swallen, Sohns & Black (1957).
SYN.: *Myriocladus confertus* Swallen; *Myriocladus*

*purpureus* Swallen; *Myriocladus variabilis* Swallen; *Myriocladus wurdackii* Swallen.

**Myriocladus exsertus** Swallen, Mem. New York Bot. Gard. 9(3): 242, f. 3c. 1957. T-Protol.: Venezuela: Amazonas: Río Cunucunuma, Cerro Huachamacari, occasional, Summit Camp of SW Escarpment, alt 1850 m, 17 Dec 1950, *Maguire et al. 30295* [HT: US-2040226]. T-Specim.: 1 of 1. Venezuela: Amazonas: Río Cunucunuma, Cerro Huachamacari, occasional, Summit Camp of SW Escarpment, alt 1850 m, 17 Dec 1950, *B. Maguire, R.S. Cowan & J.J. Wurdack 30295* [HT: US-2040226; IT: F-1448791, NY, US-2040227].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1998); McClure (1973); Steyermark et al. (1995); Swallen, Sohns & Black (1957).

*Myriocladus gracilis* Swallen, Mem. New York Bot. Gard. 9(3): 393, f. 74. 1957. T-Protol.: Venezuela: Bolívar: Chimanta Massif, Central Section, island in Río Tirica above Middle Falls below Summit Camp, alt. 1925 m, 5 Feb 1955, locally frequent, *J.A. Steyermark & J.J. Wurdack 489* [HT: US-2182094]. T-Specim.: 1 of 1. Venezuela: Bolívar: Chimanta Massif, Central Section, island in Río Tirica above Middle Falls below Summit Camp, alt. 1925 m, 5 Feb 1955, *J.A. Steyermark & J.J. Wurdack 489* [HT: US-2182094; IT: F-1521026(fragm., MO), LE, NY, VEN].
= **Myriocladus steyermarkii** Swallen

**Myriocladus grandifolius** Swallen, Mem. New York Bot. Gard. 9(3): 245, f. 3h. 1957. T-Protol.: Venezuela: Amazonas: Cerro Sipapo (Paragüe), Lower Caño Negro, infrequent, thickets bordering stream, 1 Jan 1949, *Maguire & Politi 28101* [HT: US-2040184, US-2040185]. T-Specim.: 1 of 1. Venezuela: Amazonas: Cerro Sipapo (Paragüe), Lower Caño Negro, infrequent, thickets bordering stream, 1 Jan 1949, *B. Maguire & L. Politi 28101* [HT: US-2040185, US-2040184; IT: F-1448789, NY].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1998); McClure (1973); Steyermark et al. (1995); Swallen, Sohns & Black (1957).
SYN.: *Myriocladus paraquensis* Swallen.

**Myriocladus involutus** Judz. & Davidse, Novon 1(2): 83, f. 4. 1991. T-Protol.: Venezuela: Bolívar: Chimantá Massif, Central Section, rocky escarpment between W and E branches of headwaters of Río Tirica, 2260 m, 13 Feb. 1955, *Steyermark & Wurdack 819* [HT: NY; IT: F-1480644 ].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1998); Judziewicz, Davidse & Clark (1991); Steyermark et al. (1995).

**Myriocladus longiramosus** Swallen, Mem. New York Bot. Gard. 9(3): 243, f. 3e. 1957. T-Protol.: Venezuela: Bolívar: Cerro Guaiquinima, Río Paragua, occasional in thickets and on rocky elevations, 1 km S of Cumbre Camp, 1800 m, 29 Dec 19, *Maguire 32822* [HT: US-207876]. T-Specim.: 1 of 1. Venezuela: Bolívar: Cerro Guaiquinima, Río Paragua, occasional in thickets and on rocky elevations, 1 km S of Cumbre Camp, 1800 m, 29 Dec 1951, *B. Maguire 32822* [HT: US-2078761; IT: F-1448799, NY].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1998); McClure (1973); Steyermark et al. (1995); Swallen, Sohns & Black (1957).
SYN.: *Myriocladus affinis* Swallen; *Myriocladus paruensis* Swallen.

*Myriocladus maguirei* Swallen, Mem. New York Bot. Gard. 9(3): 239, f. 3b. 1957. T-Protol.: Venezuela: Amazonas: Cerro Sipapo, infrequent, pocket thickets, Summit Peak IV, 3 Jan 1949, *B. Maguire & L. Politi 28144* [HT: US-2040180]. T-Specim.: 1 of 1. Venezuela: Amazonas: Cerro Sipapo, infrequent, pocket thickets, Summit Peak IV, 3 Jan 1949, *B. Maguire & L. Politi 28144* [HT: US-2040180; IT: NY].
= **Myriocladus virgatus** Swallen

**Myriocladus neblinaensis** Swallen, Mem. New York Bot. Gard. 9(3): 240, f. 1. 1957. T-Protol.: Venezuela: Amazonas: Río Yatua, Cerro de la Neblina, below Cumbre Camp, along escarpment overlooking Cañon Grande, 1650 m, 10 Jan 1954, *B. Maguire et al. 37208* [HT: US-2182104, US-2182105]. T-Specim.: 1 of 1. Venezuela: Amazonas: Río Yatua, Cerro de la Neblina, below Cumbre Camp, along escarpment overlooking Cañon Grande, 1650 m, 10 Jan 1954, *B. Maguire, J.J. Wurdack & G.S. Bunting 37208* [HT: US-2182105, US-2182104; IT: F, NY].
DST.: Braz, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1998); McClure (1973); Soderstrom (1969); Steyermark et al. (1995); Swallen, Sohns & Black (1957).

**Myriocladus paludicolus** Swallen, Mem. New York Bot. Gard. 9(3): 246, 248, f. 4b. 1957. T-Protol.: Venezuela: Amazonas: Río Yatua, Cerro de Neblina, locally frequent on open headland, 7 km N of Cumbre Camp, 1900 m, 10 Jan 1954, *Maguire et al. 37200* [HT: US-2182101, US-2182102; IT: F, NY ]. T-Specim.: 1 of 1. Venezuela: Amazonas: Río Yatua, Cerro de Neblina, locally frequent on open he adland, 7 km N of Cumbre Camp, 1900 m, 10 Jan 1954, *B. Maguire, J.J. Wurdack & G.S. Bunting 37200* [HT: US-2182101, US-2182102; IT: F, NY, US-2182103].
DST.: Braz, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1998); McClure (1973); Soderstrom (1969); Steyermark et al. (1995); Swallen, Sohns & Black (1957).

*Myriocladus paraquensis* Swallen, Mem. New York Bot. Gard. 9(3): 246, f. 3i-j. 1957. T-Protol.: Venezuela:

Amazonas: Cerro Sipapo (Paráque), cliffs above Savanna Camp, 17 Jan 1949, *Maguire & Politi 28395* [HT: US-2040181, 2040182, 2040183]. T-Specim.: 1 of 1. Venezuela: Amazonas: Cerro Sipapo (Paráque), cliffs above Savanna Camp, 17 Jan 1949, *B. Maguire & L. Politi 28395* [HT: US-2040181, 2040182, US-2040183; IT: F-1448790, F-1448806, NY(2 sheets)].

= **Myriocladus grandifolius** Swallen

*Myriocladus paruensis* Swallen, Mem. New York Bot. Gard. 9(3): 244, f. 3g. 1957. T-Protol.: Venezuela: Amazonas: Serrania Parú, Río Parú, Caño Asisa, Río Ventuari, W rim N of Camp Cano, 2000 m, 31 Jan 1951, *Cowan & Wurdack 31076* [HT: US-2040247, US-2040248]. T-Specim.: 1 of 1. Venezuela: Amazonas: Serrania Parú, Río Parú, Caño Asisa, Río Ventuari, W rim N of Camp Cano, 2000 m, 31 Jan 1951, *R.S. Cowan & J.J. Wurdack 31076* [HT: US-2040247, US-2040248; IT: NY(2 sheets)].

= **Myriocladus longiramosus** Swallen

*Myriocladus purpureus* Swallen, Mem. New York Bot. Gard. 9(3): 397. 1957. T-Protol.: Venezuela: Bolívar: Toronó-tepuí, Chimanta Massif, summit, at edge of escarpment in and among zanjones, 2165-2180 m, 9 Feb 1955, *J.A. Steyermark & J.J. Wurdack 658* [HT: US-2182096]. T-Specim.: 1 of 1. Venezuela: Bolívar: Toronó-tepuí, Chimanta Massif, summit, at edge of escarpment in and among zanjones, 2165-2180 m, 9 Feb 1955, *J.A. Steyermark & J.J. Wurdack 658* [HT: US-2182096; IT: F-1480650(fragm., MO), NY, US-2182097, VEN].

NOTE: for illustration, see Mem. New York Bot. Gard. 9: 248, f. 4e (1957)

= **Myriocladus distantiflorus** Swallen

**Myriocladus simplex** Swallen, Mem. New York Bot. Gard. 9(3): 242, f. 2. 1957. T-Protol.: Venezuela: Amazonas: Río Manapiare, Serrania Yutajé, frequent along stream bank, right branch of Caño Yutajé, 1300 m, 9 Feb 1953, *B. Maguire & C.K. Maguire 35134* [HT: US-2116105]. T-Specim.: 1 of 1. Venezuela: Amazonas: Río Manapiare, Serrania Yutajé, frequent along stream bank, right branch of Caño Yutajé, 1300 m, 9 Feb 1953, *B. Maguire & C.K. Maguire 35134* [HT: US-2116105; IT: F, MO-1708757, NY].

DST.: Vene.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Judziewicz (1998); McClure (1973); Steyermark et al. (1995); Swallen, Sohns & Black (1957).

**Myriocladus steyermarkii** Swallen, Mem. New York Bot. Gard. 9(3): 395. 1957. T-Protol.: Venezuela: Bolívar: Chimanta Massif, Central Section, frequent escarpment between W and E branches of Río Tirica, frequent, 2260 m, 13 Feb 1955, *J.A. Steyermark & J.J. Wurdack 819* [HT: US-2182095 ]. T-Specim.: 1 of 1. Venezuela: Bolívar: Chimanta Massif, Central Section, frequent escarpment beween W and E branches of Río Tirica, frequent, 2260 m, 13 Feb 1955, *J.A. Steyermark & J.J. Wurdack 819* [HT: US-2182095; IT: VEN].

NOTE: for illustration, see Mem. New York Bot. Gard. 9(3): 247, f. 3a (1957)

DST.: Vene.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Judziewicz (1998); McClure (1973); Steyermark et al. (1995); Swallen & Sohns (1957).

SYN.: *Myriocladus gracilis* Swallen.

*Myriocladus variabilis* Swallen, Mem. New York Bot. Gard. 9(3): 396. 1957. T-Protol.: Venezuela: Bolívar: Chimantá Massif, east-central portion of summit of Apacará-tepuí, 2450-2500 m, 21-22 Jun 1953, in recesses of deep fissures, in most ground with shrubs and small treesl, *J.A. Steyermark 75879* [HT: US-2182908]. T-Specim.: 1 of 1. Venezuela: Bolívar: Chimantá Massif, east-central portion of summit of Apacará-tepuí, 2450-2500 m, in recesses of deep fissures, in most ground with shrubs and small trees, 21 Jun 1953 to 22 Jun 1953, *J.A. Steyermark 75879* [HT: US-2182908; IT: F-1449632, F-1449634, F1449633, NY, US-2182909, VEN].

NOTE: for illustration, see Mem. New York Bot. Gard. 9(3): 248, f. 41 (1957)

= **Myriocladus distantiflorus** Swallen

**Myriocladus virgatus** Swallen, Fieldiana, Bot. 28(1): 34, f. 4. 1951. T-Protol.: Venezuela: Amazonas: savanna hills, collected on summit of Cerro Duida, 1025-1200 m, 2 Sep 1944, *J.A. Steyermark 58293* [HT: F-1189825]. T-Specim.: 1 of 1. Venezuela: Amazonas: savanna hills, summit of Cerro Duida, 1025-1200 m, 2 Sep 1944, *J.A. Steyermark 58293* [HT: F-1189825(photo, US); IT: US-2876355].

DST.: Vene.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Judziewicz (1998); McClure (1973); Steyermark et al. (1995); Swallen, Sohns & Black (1957).

SYN.: *Myriocladus maguirei* Swallen.

*Myriocladus wurdackii* Swallen, Mem. New York Bot. Gard. 9(3): 398. 1957. T-Protol.: Venezuela: Bolívar: Churi-tepuí, North-West cumbres, locally frequent in lower cumbre, 2100-2200 m, 24 Jan 1953, *J.J. Wurdack 34194* [HT: US-2116114]. T-Specim.: 1 of 1. Venezuela: Bolívar: Churi-tepuí, North-West cumbres, locally frequent in lower cumbre, 2100-2200 m, 24 Jan 1953, *J.J. Wurdack 34194* [HT: US-2116114: IT: NY, US-2116115].

NOTE: for illustration, see Mem. New York Bot. Gard. 9: 248, f. 4f (1957)

= **Myriocladus distantiflorus** Swallen

*Nastus barbatus* (Trin.) Rupr., Bambuseae 42, t. 17. 1839. Basionym: *Bambusa barbata* Trin.

NOTE: preprint of Mem. Acad. Sci. St. Petersbourg ser 6. publication

= **Guadua tagoara** (Nees) Kunth

*Nastus bruneus* Desv., Mem. Soc. Agric. Angers 1: 211 1831. T-Protol.: Habitat in Brasilio.

NOTE: also in Opusc. Sci. Phys. Nat. 211 [reprint] 1831-1833

= **Chusquea bambusoides** (Raddi) Hack.

*Nastus chusque* Kunth, Nov. Gen. Sp. 1: 201. 1816. T-Protol.: Crescit in montanis frigidis prope Santa Fe de Bogota, in monte Quindiu, juxta urbem Quiti, Loxae caet., floret Julio, Augusto, *Humboldt & Bonpland s.n.* [HT: P ]. T-Specim.: 1 of 1. Ecuador, no date, *Humboldt & Bonpland s.n.* [HT: P; IT: US-2876349].
= **Chusquea scandens** Kunth

*Nastus guadua* (Bonpl.) Spreng., Syst. Veg. 2: 113. 1825. Basionym: *Bambusa guadua* Bonpl.
= **Guadua angustifolia** Kunth

*Nastus latifolia* (Bonpl.) Spreng., Syst. Veg. 2: 113. 1825. Basionym: *Bambusa guadua* Bonpl.
= **Guadua latifolia** (Bonpl.) Kunth

*Nastus macrospermus* (Michx.) Raspail, Ann. Sci. Nat. (Paris) 5: 442, 458, t. 8, f. 1. 1825. Basionym: *Arundinaria macrosperma* Michx.
= **Arundinaria gigantea** subsp. **macrosperma** (Michx.) McClure

*Nastus productus* (Pilg.) Holttum, Kew Bull. 10: 594. 1956. Basionym: *Oreiostachys producta* Pilg.
= **Chusquea quila** Kunth

*Nastus strictus* (Roxb.) Sm., Cycl. 24: n.2. 1819. Basionym: *Bambos stricta* Roxb.
= **Dendrocalamus strictus** (Roxb.) Nees

*Neobambus* Keng ex Keng f., 8: 15. 1948. TYPE: *Neobambus dolichanthus* (Keng) Keng ex Keng f.
NOTE: nom. nud.
= **Sinobambusa** Makino ex Nakai

*Neosinocalamus* Keng f., J. Bamboo Res. 2(2): 12. 1983. T-Protol.: TS: N. affinis (Rendle) Keng f.
= **Dendrocalamus** Nees

*Neurolepidinae* Soderstr. & R.P. Ellis, Grass Syst. Evol. 238. 1987. TYPE: *Neurolepis* Meisn.
= **Chusqueinae** subtrib. Soderstr. & R.P. Ellis

## **Neurolepis** Meisn., Pl. Vasc. Gen. 1: 426. 1843.

TRTD. BY: Clark, L. G.
NHT: Chusqueinae. SPP.: 22
CNSLTD LIT.: McClure (1973); Clark (1996b); Davidse & Clark (1996).
SYN.: *Planotia* Munro; *Platonia* Kunth.

**Neurolepis acuminatissima** (Munro) Pilg., Nat. Pflanzenfam. Nachtrag (zum 2-4 Teil)1: 21. 1906. Basionym: *Planotia acuminatissima* Munro
DST.: Vene.
LVL. ACCPTC.: 1.
SYN.: *Chusquea aristata* Munro; *Neurolepis aristata* (Munro) Hitchc.; *Planotia acuminatissima* Munro.

**Neurolepis angusta** Swallen, Mem. New York Bot. Gard. 9(3): 249. 1957. T-Protol.: Venezuela: Bolívar: Gran Sabana, Ilu-tepuí, saddle between North Peak and central plateau, 2300-2600 m, 15 Mar 1952, abundant in open places in low brush on cumbre slopes, *Maguire 33412* [HT: US-2078769, US-2078770]. T-Specim.: 1 of 1. Venezuela: Bolívar: Gran Sabana, Ilu-tepuí, saddle between North Peak and central plateau, 2300-2600 m, abundant in open places in low brush on cumbre slopes, 15 Mar 1952, *B. Maguire 33412* [HT: US-2078770, US-2078769; IT: NY].
DST.: Colo, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1991a); McClure (1973); Soderstrom (1969); Steyermark et al. (1995); Swallen, Sohns & Black (1957).

**Neurolepis aperta** (Munro) Pilg., Nat. Pflanzenfam. Nachtrag (zum 3 Teil) 1: 21. 1906. Basionym: *Planotia aperta* Munro
DST.: Colo, Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999); McClure (1973); Soderstrom (1969).
SYN.: *Neurolepis ingens* (Pilg.) Pilg.; *Planotia aperta* Munro; *Planotia ingens* Pilg.

**Neurolepis aristata** (Munro) Hitchc., Contr. U.S. Natl. Herb. 24(8): 313. 1927. Basionym: *Chusquea aristata* Munro
DST.: Colo, Ecua, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Hitchcock (1927); Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999); McClure (1973); Soderstrom (1969); Tovar (1993).
SYN.: *Chusquea aristata* Munro; *Planotia tesselata* Pilg.

**Neurolepis asymmetrica** L.G. Clark, Novon 6(4): 336, f. 1A-C. 1996. T-Protol.: Ecuador: Loja: páramo at road Yangana-Cerro Toledo, 3150 m, 26 Feb 1985 (fl), *S. Lægaard 53681* [HT: QCA; IT: AAU, LOJA, QCNE ]. T-Specim.: 1 of 1. Ecuador: Loja: 3150 m, 26 Feb 1985, *Lægaard 53681* [HT: QCA; IT: AAU, LOJA, QCNE], .
DST.: Boli, Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

*Neurolepis densiflora* Swallen, Mem. New York Bot. Gard. 9(3): 399. 1957. T-Protol.: Venezuela: Bolívar: Chimanta Massif: forest above SE facing upper shoulder on slope leading to summit of Apacara-tepui, 2000-2150 m, 20 Jun 1953, *J.A. Steyermark 75806* [HT: US-2182907, US-2182910]. T-Specim.: 1 of 1. Venezuela: Bolívar: Chimanta Massif: forest above SE facing upper shoulder on slope leading to summit of Apacara-tepui, 2000-2150 m, 20 Jun 1953, *J.A. Steyermark 75806* [HT: US-2182910, US-2182907; IT: F-1449631, F1449630, NY].
= **Neurolepis glomerata** Swallen

**Neurolepis diversiglumis** Soderstr., Mem. New York Bot. Gard. 18(2): 16, f. 2-3. 1969. T-Protol.: Brazil:

Amazonas: Pico Phelps, Serra da Neblina, Rio Cauaburí, Rio Negro, along open slopes to base of cliffs, 8500-9000 ft, 2 Dec. 1965, *B. Maguire, J. Murça Pires & C.K. Maguire 60480* [HT: US-2537127; IT: NY ]. T-Specim.: 1 of 1. Brazil: Amazonas, 2 Dec 1965, *B. Maguire, J.M. Pires & C.K. Maguire 60480* [HT: US-2537127].

DST.: Braz, Vene.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: McClure (1973); Steyermark et al. (1995).

**Neurolepis elata** (Kunth) Pilg., Nat. Pflanzenfam. Nachtrag (zum 3 Teil)1: 21. 1906. Basionym: *Platonia elata* Kunth

NOTE: may include *N. glomerata* Swallen

DST.: Colo, Ecua.

LVL. ACCPTC.: 2.

ALSO ACCPTD BY: Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999); McClure (1973); Soderstrom (1969).

SYN.: *Planotia elata* (Kunth) Munro; *Platonia elata* Kunth.

**Neurolepis fimbriligulata** L.G. Clark, Novon 6(4): 338, f. 2. 1996. T-Protol.: Ecuador: Pichincha: W side of Volcán Ataccazo, along drinkwater canal, 2700-3750 m, 11 Aug 1984 (fl), *S. Lægaard 52632* [HT: QCA; IT: AAU, QCNE ]. T-Specim.: 1 of 1. Ecuador: Pichincha: 2700-3750 m, *Lægaard 52632* [HT: QCA; IT: AAU, QCNE], .

DST.: Ecua, Peru.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

**Neurolepis fimbriligulata** L.G. Clark subsp. **fimbriligulata**

DST.: Ecua.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

**Neurolepis fimbriligulata** subsp. **peruviana** L.G. Clark, Novon 6(4): 342, f. 2G. 1996. T-Protol.: Peru: Amazonas: Prov. Chachapoyas: S side of Molinoopampa-Diosan pass, 3100 m, 8 Aug 1962 (fl), *J. Wurdack 1636* [HT: US(10 sheets); IT: USM ].

DST.: Peru.

LVL. ACCPTC.: 1.

**Neurolepis glomerata** Swallen, Mem. New York Bot. Gard. 9(3): 399. 1957. T-Protol.: Venezuela: Bolívar: Chimantá Massif, Bonnetia forest, NW part of Summit of Abácapa-tepuí, 2125-2300 m, 13 Apr 1953, *Steyermark 74925 in part* [HT: US-2182879], Other sheets with this no. are a mixture with Myriocladus distantiflorus. T-Specim.: 1 of 1. Venezuela: Bolívar: Chimantá Massif, Bonnetia forest, NW part of Summit of Abácapa-tepuí, 2125-2300 m, 13 Apr 1953, *J.A. Steyermark 74925 in part* [HT: US-2182879; IT: F-1449651, F-1449640, NY, US-2182878, US-2182881, US-21828282(fragm., MO)].

NOTE: may be synoymous with *Neurolepis elata* (Kunth) Pilg.

DST.: Vene.

LVL. ACCPTC.: 2.

ALSO ACCPTD BY: Judziewicz (1991a); McClure (1973); Soderstrom (1969); Steyermark et al. (1995); Swallen & Sohns (1957).

SYN.: *Neurolepis densiflora* Swallen; *Neurolepis nigra* Swallen.

*Neurolepis ingens* (Pilg.) Pilg., Nat. Pflanzenfam. Nachtrag (zum 3 Teil) 1: 21. 1906. Basionym: *Planotia ingens* Pilg.

= **Neurolepis aperta** (Munro) Pilg.

**Neurolepis laegaardii** L.G. Clark, Novon 6(4): 342, f. 3A-D. 1996. T-Protol.: Ecuador: Loja: PArque Nacional Podocarpus, Cerro Toledo, 3350 m, 2 Jun 1992 (fl), *L.G. Clark, S. Lægaard & M. J. Stern 1112* [HT: QCA; IT: AAU, ISC, MO, QCNE, US ]. T-Specim.: 1 of 1. Ecuador: Loja: 3350 m, 02 Jun 1992, *L. G. Clark et al. 1112* [HT: QCA; IT: AAU, ISC, MO, QCNE, US], .

DST.: Ecua.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

**Neurolepis mollis** Swallen, J. Wash. Acad. Sci. 21(1): 14. 1931. T-Protol.: Colombia: Santander: in woods in the mountains E of Las Vegas, 3000-3300 m, 20-21 Dec 1926, *Killip & Smith 15830* [HT: US-1351648; IT: NY ]. T-Specim.: 1 of 1. Colombia: Santander: mountains east of Las Vegas, alt. 3000-3300 m, 20 Dec 1926 to 21 Dec 1926, *E.P. Killip & A.C. Smith 15830* [HT: US-1351648; IT: NY].

DST.: Colo, Vene.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: McClure (1973); Soderstrom (1969).

**Neurolepis nana** L.G. Clark, Novon 6(4): 344, f. 4. 1996. T-Protol.: Ecuador: Loja: Parque Nacional de Podocarpus, Cerro Toledo, along ridge, 3400 m, 2 Jun 1992 (fl), *L. G. Clark, S. Lægaard & M. J. Stern 1111* [HT: QCA( 3 sheets); IT: AAU, ISC, MO, QCNE ]. T-Specim.: 1 of 1. Ecuador: Loja: 3400 m, 02 Jun 1992, *L. G. Clark et al. 1111* [HT: QCA(3); IT: AAU, ISC, MO, QCNE], .

DST.: Ecua.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

*Neurolepis nigra* Swallen, Mem. New York Bot. Gard. 9(3): 400. 1957. T-Protol.: Venezuela: Bolívar: Central Section, Chimantá Massif, along tributary of E branch of headwaters of Río Tirica, locally frequent, open forested laterite slopes along tributary, 2185-2210 m, 13 Feb 1955, *J.A. Steyermark & J.J. Wurdack 860* [HT: US-2182130, US-2182131, US-2182132]. T-Specim.: 1 of 1. Venezuela: Bolívar: Central Section, Chimantá Massif, along tributary of E branch of headwaters of Río Tirica, locally frequent, open forested laterite slopes along tributary, 2185-2210, 13 Feb 1955, *J.A. Steyermark & J.J. Wurdack 860* [HT: US-2182132, US-2182131, US-2182130; IT: NY(3 sheets)].

= **Neurolepis glomerata** Swallen

**Neurolepis nobilis** (Munro) Pilg., Nat. Pflanzenfam. Nachtrag (zum 3 Teil) 1: 21. 1906. Basionym: *Planotia nobilis* Munro
DST.: Colo, Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).
SYN.: *Planotia nobilis* Munro.

**Neurolepis petiolata** Davidse & L.G. Clark, Novon 6(2): 153, f. 4. 1996. T-Protol.: Colombia: Antioquia: Mun. de La Unión: km 32.5 of road Sonsón-LA Unión (23.5 km from La Unión), montane vegetation on slopes nar stream, 05.52N 75.18W, 2300 m, large clump-forming grass with culms to 4 m tall, above stream at forest margin, 4 Oct 1987, *J.L. Zarucchi, A.E. Brant & F.J. Roldán 6265* [HT: HUA; IT: COL, ISC, MO].
DST.: Colo.
LVL. ACCPTC.: 1.

**Neurolepis pittieri** McClure, J. Wash. Acad. Sci. 32(6): 181, f. 8. 1942. T-Protol.: Venezuela: Aragua: between Colonia Tovar and El Lagunazo, in meadows and forests, 1700-2300 m, January 2, 1992, culms 5.5 m, whole plant dies after flowering, nombre vulgar: cogollo, *Pittier 10067* [HT: VEN; IT: US-1064685, US-1064686, US-1064687 ]. T-Specim.: 1 of 1. Venezuela: Aragua: between Colonia Tovar and Lagunazo, 2 Jan 1922, *H. Pittier 10067* [HT: VEN; IT: US-1064687, US-1064686, US-1064685].
DST.: Braz, CoRi, Pana, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY:; Davidse, Sousa & Chater (1994); McClure (1973); Soderstrom (1969); Steyermark et al. (1995).

**Neurolepis rigida** L.G. Clark, Novon 6(4): 347, f. 1D-H. 1996. T-Protol.: Ecuador: Napo: Llanganati, páramo SE of Chosa Aucacocha, between Aucacocha and Pan de Azucar, 3800-3900 m, 15 May 1982 (fl), *B. Øllgaard, L. Holm-Nielsen, B. Boysen Larsen, L.P. Kvist, A.R. Jensen & S. Wium-Andersen 38498* [HT: QCA; IT: AAU, F ]. T-Specim.: 1 of 1. Ecuador: Napo: 3800-3900 m, 15 May 1982, *B. Øllgaard et al. 38498* [HT: QCA; IT: AAU, F], .
DST.: Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

**Neurolepis silverstonei** Davidse & L.G. Clark, Novon 6(2): 150, f. 1-3. 1996. T-Protol.: Colombia: Chocó: Mun. de San José del Palmar: Cerro del Torrá, filo de Cumbre, vegetación abierta herbácea y arbustiva, ca. 2730 m, hierba hasta 200 cm altura, brácteas e inflorescencia rojo-violetas, 15 Aug 1988, *F.A. Silverstone-Sopkin, N. Paz, R.T. González, A. Henao, J.E. Ramos & L.H. Ramos 4409* [HT: CUVC; IT: ISC, MO ].
DST.: Colo.
LVL. ACCPTC.: 1.

**Neurolepis stuebelii** (Pilg.) Pilg., Nat. Pflanzenfam. Nachtrag (zum 3 Teil) 1: 21. 1906. Basionym: *Planotia stuebelii* Pilg.
DST.: Colo, Ecua, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Hitchcock (1927); Jørgensen & León-Yánez (1999); Macbride (1936).
SYN.: *Planotia stuebelii* Pilg.

**Neurolepis tesselata** (Pilg.) Pilg., Nat. Pflanzenfam. Nachtrag (zum 3 Teil) 1: 21. 1906. Basionym: *Planotia tesselata* Pilg.
DST.: Colo.
LVL. ACCPTC.: 1.
SYN.: *Planotia tesselata* Pilg.

**Neurolepis villosa** L.G. Clark, Novon 6(4): 349, f. 3E-G. 1996. T-Protol.: Ecuador: Azuay: Páramo de Las Cajas W of Cuenca, 4000-4150 m, 2 Sep 1984, *S. Lægaard 52884* [HT: QCA; IT: AAU, QCNE ]. T-Specim.: 1 of 1. Ecuador: Azuay: 4000-4150 m, 2 Sep 1984, *Lægaard 52884* [HT: QCA; IT: AAU, QCNE].
DST.: Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

**Neurolepis virgata** (Griseb.) Pilg., Nat. Pflanzenfam. Nachtrag (zum 3 Teil) 1: 21. 1906. Basionym: *Platonia virgata* Griseb.
DST.: Cari.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Hitchcock (1936); McClure (1973); Soderstrom (1969).
SYN.: *Planotia virgata* (Griseb.) Munro; *Platonia virgata* Griseb.

**Neurolepis weberbaueri** Pilg., Repert. Spec. Nov. Regni Veg. 17(19-30): 446. 1921. T-Protol.: Peru: Dep. Libertad, Prov. Pataz, Talsystem de Mixiolla, eines linken Nebenflusses des Huallaga; haufige Charakterpflanze im Hartlaubgebush bei 3000-3300 m; Aug 1914, *Weberbauer 7030*. T-Specim.: 1 of 1. Peru: La Libertad, Aug 1914, *A. Weberbauer 7030* [IT: US-2876346, US-1497338].
DST.: Ecua, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999); Macbride (1936).

*Nipponobambusa* Muroi, 6: 89. 1940. TYPE: *Nipponobambusa hisauchii* (Makino) Muroi; LT designated by McClure, Taxon 6(7): 206 (1957)
NOTE: nom. inval., without Latin description
= **Sasa** Makino & Shibata

*Nipponocalamus fortunei* (Van Houtte) Nakai, J. Jap. Bot. 18: 355. 1942. Basionym: *Bambusa fortunei* Van Houtte
= **Sasa fortunei** (Van Houtte) Fiori

## Ochlandra

Thwaites, Enum. Pl. Zeyl. 376. 1864. TYPE: *Ochlandra stridula* Moon ex Thwaites

TRTD. BY: Soreng, R. J.
NHT: Melocanninae. SPP.: 1
CNSLTD LIT.: Young & Haun (1961); Geng & Wang (1996).
SYN.: *Beesha* Munro; *Irulia* Bedd.

**Ochlandra travancorica** (Bedd.) Benth. ex Gamble, Ann. Roy. Bot. Gard. (Calcutta) 7: 125. 1896. Basionym: *Beesha travancorica* Bedd.
DST.: Cari.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Kumar (1995).
SYN.: *Beesha travancorica* Bedd.

*Olmeca* Soderstr., Amer. J. Bot. 68(10): 1362. 1981.
NOTE: nom. inval., type not indicated

**Olmeca** Soderstr., Phytologia 51(2): 161. 1982. TYPE: *Olmeca reflexa* Soderstr.
NOTE: see also Amer. J. Bot. 68: 1361-1373 (1981), where publ. inval., type not indicated
TRTD. BY: Judziewicz.
NHT: Guaduinae. SPP.: 2
CNSLTD LIT.: Soderstrom (1981a); Soderstrom (1982c).

*Olmeca recta* Soderstr., Amer. J. Bot. 68(10): 1365. 1981.
NOTE: nom. inval., genus not validly published until 1982
= **Olmeca recta** Soderstr.

**Olmeca recta** Soderstr., Phytologia 51(2): 161. 1982. T-Protol.: Mexico: Veracruz: between Catamaco and Zontecomapan, on road to Monte Pio, wet slopes above Zontecomapan, alt. ca. 200 m, 11 April 1952, *H.E. Moore, Jr. & Max Cetto 6268* [HT: US; IT: BH ]. T-Specim.: 1 of 1. Mexico: Veracruz, *H.E. Moore & M. Cetto 6268* [HT: US-2307907].
DST.: Mexi.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Soderstrom (1981a).
SYN.: *Olmeca recta* Soderstr.

*Olmeca reflexa* Soderstr., Amer. J. Bot. 68(10): 1369. 1981.
NOTE: nom. inval., genus not validly published until 1982
= **Olmeca reflexa** Soderstr.

**Olmeca reflexa** Soderstr., Phytologia 51(2): 161. 1982. T-Protol.: Mexico: Chiapas: Mun. Ocozocoautla de Espinosa, 45 km N of Ocozocoautla, steep ravines with Lower Montane Rain Forest, elev. 550 m, 31 January 1973., *D.E. Breedlove 32844* [HT: US; IT: DS, MO ]. T-Specim.: 1 of 1. Mexico: Chiapas, 31 Jan 1973, *D.E. Breedlove 32844* [HT: US-2886115].
DST.: Mexi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Breedlove (1986); Davidse, Sousa & Chater (1994); Soderstrom (1981a).
SYN.: *Olmeca reflexa* Soderstr.

**Olyra** L., Syst. Nat. (ed. 10) 1253, 1261, 1379. 1759. TYPE: *Olyra latifolia* L.
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 24
CNSLTD LIT.: Soderstrom & Zuloaga (1989); Judziewicz & Zuloaga (1992).
SYN.: *Lepturopsis* Steud.; *Mapira* Adans.

**Olyra amapana** Soderstr. & Zuloaga, Smithsonian Contr. Bot. 69: 5, f. 1-2, 15. 1989. T-Protol.: Brazil: Amapá: Rio Aguari, vicinity Camp 13, 1.45N 52W, in shadow of upland forest, *J.M. Pires, W. Rodrigues & G.C. Irvine 51536* [HT: IAN; IT: NY, US-2381088 ]. T-Specim.: 1 of 1. Brazil: Amapá, 6 May 1961, *J.M. Pires et al. 51536* [HT: IAN; IT: NY, US-2381088, US-2574029].
DST.: Braz.
LVL. ACCPTC.: 1.

*Olyra arundinacea* Kunth, Nov. Gen. Sp. 1: 197. 1816. T-Protol.: Crescit in crepidinibus opacatis Andium Quinduensium prope El Azufral, alt. 1050 hexap. (Regno Novogran.), floret Octobri, *Humboldt & Bonpland s.n.* [HT: P ].
= **Olyra latifolia** L.

*Olyra axillaris* Lam., Encycl. 4: 547. 1797. T-Protol.: French Guiana: A Caienne, *Richard*.
= **Lithachne pauciflora** (Sw.) P. Beauv.

*Olyra blanchetii* Mez, Notizbl. Bot. Gart. Berlin-Dahlem 7(63): 46. 1917. T-Protol.: Brasilia: Bahia, loco accuratiore non indicato, *Blanchet 2730*. T-Specim.: 1 of 1. Brazil: Bahia; without exact locality, *Blanchet 2730* [HT: B(fragm., US)].
= **Parodiolyra ramosissima** (Trin.) Soderstr. & Zuloaga

*Olyra brasiliensis* (Bertol.) Spreng., Syst. Veg. 4: Cur. Post 29. 1827. Basionym: *Raddia brasiliensis* Bertol.
= **Raddia brasiliensis** Bertol.

*Olyra brasiliensis* Desv., Mem. Soc. Agric. Angers 1: 210. 1831. T-Protol.: Ex Brasilii. T-Specim.: 1 of 1. Brazil, *Anonymous s.n.* [HT: P].
NOTE: hom. illeg.; also in Opusc. Sci. Phys. Nat. 106 [reprint] 1831-1833
E. HOM.: *Olyra brasiliensis* (Bertol.) Spreng.
= **Olyra latifolia** L.

*Olyra brevifolia* Schumach., Beskr. Guin. Pl. 402. 1827. T-Protol.: Guinea, Africa. T-Specim.: 1 of 1. Gabon:, *Thonning s.n.* [T: US-2877961(fragm.)].
NOTE: also in Dansk. Vid. Selsk. Skrivt. 4: 176 (1828)
= **Olyra latifolia** L.

**Olyra buchtienii** Hack., Repert. Spec. Nov. Regni Veg. 11: 20. 1912. T-Protol.: Bolivia: in silvis ad San Carlos prope Mapiri, 750 m.s.m., 1907, *O. Buchtien 1157* [HT: W ]. T-Specim.: 1 of 1. Bolivia: prope Mapiri, Oct 1907, *O. Buchtien 1157* [HT: W; IT: F, US-1099260, US-2877960].
DST.: Boli.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Foster (1958); Hitchcock (1927); Renvoize (1998); Soderstrom & Zuloaga (1989); Tovar (1993).

*Olyra capillata* Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 3,1(2-3): 114. 1834. T-Protol.: V. spp. Brasil. T-Specim.: 1 of 1. Brasilia: in sylvis umbrosis pr. Balhao, *G.H. von Langsdorff s.n.* [HT: LE; IT: US-2877959(fragm.)].
NOTE: said to replace *Olyra floribunda* Trin. [misappl. by], non Raddi [nom. inval.]
= **Cryptochloa capillata** (Trin.) Soderstr.

*Olyra capillata* Trin. var. *capillata*
= **Cryptochloa capillata** (Trin.) Soderstr.

*Olyra capillata* var. *segregata* Döll, Fl. Bras. 2(2): 318. 1877. T-Protol.: Brazil: Bullao, *Riedel 850*. T-Specim.: 1 of 1. Brazil, *L. Riedel 850* [T: US-979084(fragm.)].
= **Cryptochloa capillata** (Trin.) Soderstr.

**Olyra caudata** Trin., Linnaea 10(3): 292. 1836. T-Protol.: Peruvia, in sylvis densis, Tocache, *Poeppig s.n.* T-Specim.: 1 of 1. Peru: Tocache, sylvis densis, 1834, *E.F. Poeppig s.n.* [HT: LE-TRIN-1118.01(fragm., US-2877958)].
DST.: Boli, Braz, Cari, Colo, CoRi, Ecua, FrGu, Guya, Pana, Peru, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Hitchcock (1927); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Killeen (1990); Macbride (1936); Renner, Balslev & Holm-Nielsen (1990); Renvoize (1998); Soderstrom & Zuloaga (1989); Steyermark et al. (1995); Tovar (1993)
SYN.: *Olyra dimidiata* Hochst. ex Steud.; *Olyra pittieri* Hack.; *Olyra speciosa* Mez.

**Olyra ciliatifolia** Raddi, Agrostogr. Bras. 19. 1823. T-Protol.: Brasilia: pr. Rio de Janeiro, *Raddi s.n.* T-Specim.: 1 of 1. Brazil: Serra da Estrela, Rio de Janeiro, *Raddi s.n.* [HT: FI(fragm., US-2879005)].
DST.: Arge, Boli, Braz, Cari, Colo, FrGu, Guya, Para, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Allem & Valls (1987); Döll (1877); Filgueiras (1991); Filgueiras (ined.); Foster (1958); Hitchcock (1927); Hitchcock (1936); Judziewicz (1991a); Killeen (1990); Renvoize (1984); Renvoize (1988); Renvoize (1998); Smith, Wasshausen & Klein (1981); Soderstrom & Zuloaga (1989); Steyermark et al. (1995); Zuloaga et al. (1994).
SYN.: *Olyra cuneatifolia* Desv.

*Olyra concinna* Hook. f., Bot. Mag. 122: t. 7469. 1896. T-Protol.: Cultivated, arrived at Kew in 1891, in a box of filmy ferns sent by Mr. C. Winkle, from San José in Costa Rica, *Winkle s.n.* [HT: K ]. T-Specim.: 1 of 1. Costa Rica: San José, 1891, *Anonymous s.n.* [HT: K(fragm., US-2877956)].
= **Cryptochoa connina** (Hook. f.) Swallen

*Olyra corcovadensis* Wawra, Bot. Ergebn. Reise Waldemar 180, t. 95. 1866. T-Protol.: Corcovado an feuchten schattigen Orten, *Maly 504*.
= **Olyra glaberrima** Raddi

*Olyra cordifolia* Kunth, Nov. Gen. Sp. 1: 198. 1816. T-Protol.: Crescit in convalle frigida Bogotensi inter Santa Fe et Zipaquira, alt. 1340 hexap., floret Augusto, *Humboldt & Bonpland s.n.* [HT: P ]. T-Specim.: 1 of 1. Colombia, *Humboldt & Bonpland s.n.* [HT: P(fragm., US-2877955)].
= **Olyra latifolia** L.

*Olyra cordifolia* Kunth var. *cordifolia*
= **Olyra latifolia** L.

*Olyra cordifolia* var. *scabriuscula* Döll, Fl. Bras. 2(2): 317. 1877. T-Protol.: Brasilia in silvis provinciae Minarum lectae, *Martius s.n.* T-Specim.: 1 of 1. Brazil: Minas Gerais, *K.F.P. von Martius s.n.* [HT: M(fragm., US-2877954)].
= **Olyra latifolia** L.

*Olyra cuneatifolia* Desv., Mem. Soc. Agric. Angers 1: 210. 1831. T-Protol.: Reperitur in Brasilia. T-Specim.: 1 of 1. Brazil, *Ex Herb. Desvaux s.n.* [HT: P(fragm., US-2877953)].
NOTE: also in Opusc. Sci. Phys. Nat. 106 [reprint] 1831-1833
= **Olyra ciliatifolia** Raddi

*Olyra d'urvillei* Döll, Fl. Bras. 2(2): 323. 1877.
NOTE: nom. inval., as syn. of *Olyra micrantha* Kunth
= **Olyra micrantha** Kunth

**Olyra davidseana** Judz. & Zuloaga, Syst. Bot. 17(1): 25, f. 1. 1992. T-Protol.: Brazil: Pará: km. 100 on Belém-Brasilia highway, 14 Aug 1964, *Prance & Silva 58735* [HT: IAN; IT: MO, NY, US ]. T-Specim.: 1 of 1. Brazil: Pará, 14 Aug 1964, *G.T. Prance & N.T. Silva 58735* [HT: IAN; IT: MO, NY, US-2473819].
DST.: Braz.
LVL. ACCPTC.: 1.

*Olyra dimidiata* Hochst. ex Steud., Syn. Pl. Glumac. 1: 36. 1853. T-Protol.: Surinam, *hb. Hostm. 786a*. T-Specim.: 1 of 1. Suriname:, *Ex Herb. Hostmann 786A* [HT: P(fragm., US-2877957)].
= **Olyra caudata** Trin.

**Olyra ecaudata** Döll, Fl. Bras. 2(2): 326. 1877. T-Protol.: In Guiana gallica, *Leprieur 547*. T-Specim.: 1 of 1. French Guiana: Cayenne, *F.R. Leprieur 547* [HT: KR(fragm., US-2877952); IT: P].
DST.: Boli, Braz, Colo, CoRi, Ecua, FrGu, Nica, Pana, Peru, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Foster (1958); Hitchcock (1927); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Renner, Balslev & Holm-Nielsen (1990); Renvoize (1984); Renvoize (1998); Soderstrom & Zuloaga (1989); Steyermark et al. (1995); Tovar (1986); Tovar (1993).

**Olyra fasciculata** Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 3,1(2-3): 113. 1834. T-Protol.: Brasilia: V. spp. Bahiens. T-Specim.: 1 of 1. Brazil: V. spp. Bahiens, *Pohl s.n.* [HT: LE].
DST.: Arge, Boli, Braz, Pana, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Killeen (1990); Renvoize (1998); Smith, Wasshausen & Klein (1981); Soderstrom & Zuloaga (1989); Tovar (1993); Zuloaga et al. (1994).
SYN.: *Olyra heliconia* Lindm.

**Olyra filiformis** Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 3,1(2-3): 115. 1834. T-Protol.: Brasilia:V. sp. Bahiens. T-Specim.: 1 of 1. Brazil: Bahia, 1831, *Riedel s.n. [L. Riedel 162, 183]* [HT: LE(TRIN-1121.01)(fragm., US-2877951); IT: GH], HT with figure.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1877); Renvoize (1984); Soderstrom & Zuloaga (1989).

*Olyra flaccida* Döll, Fl. Bras. 2(2): 326. 1877. T-Protol.: Brasilia: in regione Amazonica superiore prope Panuré ad Rio Uaupés, Oct 1852-Jan 1853, *R. Spruce 2649* [HT: K; IT: BM, C, G, P, US ]. T-Specim.: 1 of 1. Brazil:prope Panuré, Oct 1852 to Jan 1853, *R. Spruce 2649* [HT: K; IT: F, GH, US-1126095, US-1445715, US-2603499, US-132869].
= **Arberella flaccida** (Döll) Soderstr. & C.E. Calderón

*Olyra floribunda* Raddi, Agrostogr. Bras. 20. 1823.
NOTE: nom. illeg. superfl.
CORRECT NAME: *Raddia brasiliensis* Bertol.
= **Raddia brasiliensis** Bertol.

*Olyra floribunda* Raddi var. *floribunda*
= **Raddia brasiliensis** Bertol.

*Olyra floribunda* var. *microphylla* Döll, Fl. Bras. 2(2): 329. 1877. T-Protol.: Guiana gallica, *Leprieur s.n.*
= **Raddia guianensis** (Brongn.) Hitchc.

**Olyra glaberrima** Raddi, Agrostogr. Bras. 19. 1823. T-Protol.: Brasilia: Invenitur in Monte nuncupato Corcovado non procul ab Urbe Rio de Janeiro, *G. Raddi s.n.* T-Specim.: 1 of 1. Brazil: Rio de Janeiro: Corcovado, *G. Raddi s.n.* [HT: PI(fragm., US-2877950)].
DST.: Beli, Braz, Guat, Hond, Mexi, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Döll (1877); Renvoize (1988); Smith, Wasshausen & Klein (1981); Soderstrom & Zuloaga (1989); Tovar (1993).
SYN.: *Olyra corcovadensis* Wawra; *Olyra glaberrima* var. *glaberrima*; *Olyra obliqua* Desv.; *Olyra semiovata* Trin.; *Olyra semiovata* var. *pubescens* Hack.; *Olyra semiovata* var. *pubiflora* Hack.; *Olyra semiovata* var. *semiovata*; *Olyra yucatana* Chase.

*Olyra glaberrima* Raddi var. *glaberrima*
= **Olyra glaberrima** Raddi

*Olyra glaberrima* var. *humilis* (Nees) Mez, Ark. Bot. 11(4): 28. 1912. Basionym: *Olyra humilis* Nees
= **Olyra humilis** Nees

*Olyra heliconia* Lindm., Kongl. Svenska Vetenskapsakad. Handl. 34(6): 11, t. 6. 1900. T-Protol.: Habitat in Brasilia cent., Matto Grosso, Motto do Curupira, in silа primaeva, mens Febr. florens, *Exp. I. Regnell., A, 3017* [HT: S ]. T-Specim.: 1 of 1. Brazil: Matto Grosso, *C.A.M. Lindman [Exp. Regnell. I] 3017* [HT: S(fragm., US-2877949)].
= **Olyra fasciculata** Trin.

*Olyra hirsuta* Trin., Gram. Panic. 250. 1826. T-Protol.: V. utriusque spp. Brasilia, *Langsdorff s.n.* T-Specim.: 1 of 1. Brazil, *Langsdorff s.n.* [HT: LE].
= **Olyra micrantha** Kunth

*Olyra hoehnei* Pilg., Feddes Repert. Spec. Nov. Regni Veg. 18: 122. 1922. T-Protol.: Brasil: Minas, Serra do Caraca, Jan 1921, *F.C. Hoene 5031.*
= **Raddiella esenbeckii** (Steud.) C.E. Calderón & Soderstr.

**Olyra holttumiana** Soderstr. & Zuloaga, Kew Bull. 41(3): 722. 1986. T-Protol.: Panama: Panamá: La Eneida, region of Cerro Jefe, 3 Mar 1973, *R.L. Dressler 4288* [HT: US-2685261; IT: K, LE, MO, PMA ]. T-Specim.: 1 of 1. Panama: Panamá: La Eneida: region of Cerro Jefe, 3 Mar 1973, *R. Dressler 4288* [HT: US-2685261; IT: K, LE(2 sheets), MO, PMA].
DST.: Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Soderstrom & Zuloaga (1989).

**Olyra humilis** Nees, Fl. Bras. Enum. Pl. 2: 304. 1829. T-Specim.: 1 of 2. Brazil: habitat ad ripas Taquari fluminis, *F. Sellow s.n.* [LT: B(fragm., US-2877946)], LT designated (as holotype) by Soderstrom & Zuloaga, Smithsonian Contr. Bot. 69: 24 (1989). 2 of 2. Brazil: ad Sebastianopolin in sylvis editioribus udis., Nov., *MArtius s.n.* [ST: M].
DST.: Arge, Braz, Para.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1877); Filgueiras (1991); Filgueiras (ined.); Renvoize (1988); Smith, Wasshausen & Klein (1981); Soderstrom & Zuloaga (1989); Zuloaga et al. (1994).
SYN.: *Olyra glaberrima* var. *humilis* (Nees) Mez; *Olyra humilis* var. *angustifolia* Döll; *Olyra humilis* var. *humilis*; *Olyra humilis* var. *latifolia* Döll; *Olyra semiovata* var. *humilis* (Nees) Hack.

*Olyra humilis* var. *angustifolia* Döll, Fl. Bras. 2(2): 321. 1877. T-Protol.: Brasilia: in umbrosis siccis prope S. Carlos prov. S. Pauli lecta, *Riedel 1938.* T-Specim.: 1 of 1. Brazil, *L. Riedel s.n.* [IT: US-2877947].
= **Olyra humilis** Nees

*Olyra humilis* Nees var. *humilis*
= **Olyra humilis** Nees

*Olyra humilis* var. *latifolia* Döll, Fl. Bras. 2(2): 321. 1877. T-Specim.: 1 of 1. Brazil: habitat ad ripas Taquari fluminis, *Sellow s.n.* [LT], LT designated by Soderstrom & Zuloaga, Smithsonian Contr. Bot. 69: 24 (1989).
= **Olyra humilis** Nees

**Olyra juruana** Mez, Notizbl. Bot. Gart. Berlin-Dahlem 7(63): 45. 1917. T-Protol.: Brasilia: Dept. Amazonas ad flumen Jurua prope Minas Geraes, *Ule 5469*. T-Specim.: 1 of 1. Brazil: Amazonas, 25 Apr 1901, *E. Ule 5469* [HT: B(fragm., US-2877945)].
DST.: Braz, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Soderstrom & Zuloaga (1989); Tovar (1986); Tovar (1993).

*Olyra kegelii* Mez, Bot. Jahrb. Syst. 56(Beibl. 125): 6. 1921. T-Protol.: Holl. Guyana, *Kegel 254*. T-Specim.: 1 of 1. Surinam, *Kegel s.n.* [HT: B(fragm., US)].
= **Olyra longifolia** Kunth

*Olyra lancifolia* Mez, Notizbl. Bot. Gart. Berlin-Dahlem 7(63): 45. 1917. T-Protol.: Brazil: Dept. Amazonas ad flumen Jurua prope Fortaleza, *Ule 5951*. T-Specim.: 1 of 1. Brazil: Amazonas: ad flumen Jurua prope Fortaleza [confluence of Rio Jurua and Rio Solimoes, ca. 02.35S 65.40W, Oct 1901, *E.H.G. Ule 5951* [HT: B(photo, fragm. of leaf, US-3168812); IT: HBG].
= **Agnesia lancifolia** (Mez) Zuloaga & Judz.

*Olyra lateralis* (J. Presl ex Nees) Chase, Proc. Biol. Soc. Wash. 21: 179. 1908. Basionym: *Panicum laterale* J. Presl ex Nees
= **Parodiolyra lateralis** (J. Presl ex Nees) Soderstr. & Zuloaga

**Olyra latifolia** L., Syst. Nat. (ed. 10) 1261. 1759. T-Specim.: 1 of 1. Jamaica, *Sloane s.n.* [LT: BM], LT designated by Hitchcock, Contr. U.S. Natl. Herb. 12: 124, 132 (1908).
DST.: Arge, Beli, Boli, Braz, Cari, Colo, CoRi, Ecua, ElSa, FrGu, Guat, Guya, Hond, Mexi, Nica, Pana, Para, Peru, Suri, USA, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Adams (1972); Beetle (1977); Berendsohn & Araniva de González (1991); Brako & Zarucchi (1993); Breedlove (1986); Candolle (1901); Cowan (1983); Davidse, Sousa & Chater (1994); Dodson & Gentry (1978); Dodson, Gentry & Valverde (1985); Döll (1877); Filgueiras (1991); Filgueiras (ined.); Foster (1958); Gibbs Russell et al. (1987); Gould (1979); Hitchcock (1927); Hitchcock (1936); Hitchcock (1951); Humbert (1955); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Killeen (1990); Liogier & Martorell (1982); Macbride (1936); McClure (1955); McVaugh (1983); Molina R. (1975); ORSTOM (1988); Pohl (1980); Renner, Balslev & Holm-Nielsen (1990); Renvoize (1984); Renvoize (1988); Renvoize (1998); Rutenberg (1880-1889); Small (1933); Smith, Wasshausen & Klein (1981); Soderstrom & Zuloaga (1989); Sousa S. & Cabrera C. (1983); Steyermark et al. (1995); Tovar (1993); Zuloaga et al. (1994).
SYN.: *Olyra arundinacea* Kunth; *Olyra brasiliensis* Desv.; *Olyra brevifolia* Schumach.; *Olyra cordifolia* Kunth; *Olyra cordifolia* var. *cordifolia*; *Olyra cordifolia* var. *scabriuscula* Döll; *Olyra latifolia* var. *arundinacea* (Kunth) Griseb.; *Olyra latifolia* var. *glabriuscula* Döll; *Olyra latifolia* var. *latifolia*; *Olyra latifolia* var. *pubescens* (Raddi) Döll; *Olyra latifolia* var. *vestita* Henrard; *Olyra media* Desv.; *Olyra paniculata* Sw.; *Olyra pubescens* Raddi; *Olyra scabra* Nees; *Olyra surinamensis* Hochst. ex Steud.

*Olyra latifolia* var. *arundinacea* (Kunth) Griseb., Fl. Brit. W. I. 535. 1864. Basionym: *Olyra arundinacea* Kunth
= **Olyra latifolia** L.

*Olyra latifolia* var. *glabriuscula* Döll, Fl. Bras. 2(2): 316. 1877.
NOTE: nom. illeg. superfl.
CORRECT NAME: *Olyra latifolia* var. *arundinacea* (Kunth) Griseb.
= **Olyra latifolia** L.

*Olyra latifolia* L. var. *latifolia*
= **Olyra latifolia** L.

*Olyra latifolia* var. *pubescens* (Raddi) Döll, Fl. Bras. 2(2): 316. 1877. Basionym: *Olyra pubescens* Raddi
= **Olyra latifolia** L.

*Olyra latifolia* var. *vestita* Henrard, Fl. Suriname 1(1): 321. 1943. T-Protol.: Surinam, *R. Berg en Dal (Focke 358)*. T-Specim.: 1 of 1. Surinam, *Focke s.n.* [HT: U].
= **Olyra latifolia** L.

**Olyra latispicula** Soderstr. & Zuloaga, Smithsonian Contr. Bot. 69: 35, f. 11, 17c, 18-20. 1989. T-Protol.: Brazil: Bahia: Mun. Porto Seguro: Parque Nacional Monte Pascoal. located 14 km E of BR 101 at a point 13 km N of Itamarajú, 320 m, 13 May 1976, *Soderstrom, Russell & Hage 2208* [HT: CEPEC; IT: US ]. T-Specim.: 1 of 1. Brazil: Bahia: Porto Seguro Mun., 13 May 1976, *T.R. Soderstrom et al. 2208* [HT: CEPEC; IT: US-2810481, US-2810482, US-2810483].
DST.: Braz.
LVL. ACCPTC.: 1.

**Olyra longifolia** Kunth, Nov. Gen. Sp. 1: 198. 1816. T-Protol.: Crescit in humidis Guyanae ad ripam fluminis Guaviiare, prope San Fernando de Atabapo et in sylvis Orinocensibus prope Santa Barbara, floret Majo, *Humboldt & Bonpland s.n.* T-Specim.: 1 of 1. Venezuela:, *F.W.H.A. von Humboldt & A. Bonpland 903* [HT: P(fragm., US); IT: B-W-171026].
DST.: Boli, Braz, Colo, Ecua, FrGu, Guya, Peru, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Döll

(1877); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Renner, Balslev & Holm-Nielsen (1990); Soderstrom & Zuloaga (1989); Soderstrom (1969); Steyermark et al. (1995); Tovar (1993).

SYN.: *Olyra kegelii* Mez; *Olyra longifolia* var. *grandifolia* Döll; *Olyra longifolia* var. *longifolia*; *Olyra longifolia* var. *parvifolia* Döll.

*Olyra longifolia* var. *grandifolia* Döll, Fl. Bras. 2(2): 325. 1877. T-Specim.: 1 of 4. Brazil, *Riedel 934* [ST], Incorrectly lectotypified by Soderstrom & Zuloaga, Smithsonian Contr. Bot. 69: 36 (1989), LT is not one of the cited syntypes. 2 of 4. Guiana batava, *Wullschlaegel 591* [ST]. 3 of 4. Surinam, *Wullschlaegel 1152* [ST]. 4 of 4. Surinam, *Wullschlaegel 1153* [ST].

= **Olyra longifolia** Kunth

*Olyra longifolia* Kunth var. *longifolia*

= **Olyra longifolia** Kunth

*Olyra longifolia* var. *parvifolia* Döll, Fl. Bras. 2(2): 325. 1877. T-Protol.: Brasilia: in vicinis prov. Manaos do Alto Amazonas lecta, *R. Spruce 880, 1145*. T-Specim.: 1 of 2. Brazil, *Spruce 880* [ST]. 2 of 2. Brazil, *R. Spruce 1145* [ST: NY, P, US-84571].

= **Olyra longifolia** Kunth

**Olyra loretensis** Mez, Notizbl. Bot. Gart. Berlin-Dahlem 7(63): 47. 1917. T-Protol.: Peruvia: Dept. Loreto, prope Leticia in silvis, *Ule 6224* [HT: B]. T-Specim.: 1 of 1. Peru: Loreto, Jun 1902, *E. Ule 6224* [HT: B(fragm., US-2877942); IT: K].

DST.: Braz, Colo, Peru.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Macbride (1936); Renvoize (1998); Soderstrom & Zuloaga (1989); Tovar (1993).

*Olyra luetzelburgii* Pilg., Notizbl. Bot. Gart. Berlin-Dahlem 10(100): 1049. 1930. T-Protol.: Brasil: Nord-Brasilien: Igarapé, Caican, auf Sand, Oct 1927, *von Luetzelburg 21354* [HT: B(fragm., US); IT: IAN, R ]. T-Specim.: 1 of 1. Brazil: Roraima, Oct 1927, *P. von Luetzelburg 21354* [HT: B(fragm., US-2877941); IT: IAN, R].

= **Parodiolyra luetzelburgii** (Pilg.) Soderstr. & Zuloaga

*Olyra malmeana* Ekman, Ark. Bot. 10(17): 21, t. 2, f. 3, t. 6, f. 9. 1911. T-Protol.: Brazil: Mato Grosso: Santa Ana da Chapada, Buriti, in proruptis rupis ad cataractam junta cum Sphagni, 16 Jun 1894, *Malme 1684* [HT: S ]. T-Specim.: 1 of 1. Brazil: Mato Grosso, no date, *G.O.A. Malme 1684* [HT: S(fragm., US-2877979)].

= **Raddiella malmeana** (Ekman) Swallen

**Olyra maranonensis** Swallen, Phytologia 14(2): 86. 1966. T-Protol.: Peru: Amazonas: valley of the Río Marañon near Cascades de Mayasi, in rainforest on ridge crest of Quebrada Chuiva, 500-550 m, 20 Sep 1962, *Wurdack 1936* [HT: US-2382316 ]. T-Specim.: 1 of 1. Peru: Amazonas, 20 Sep 1962, *J.J. Wurdack 1936* [HT: US-2382316].

DST.: Peru.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Soderstrom & Zuloaga (1989); Tovar (1993).

*Olyra media* Desv., Mem. Soc. Agric. Angers 1: 210. 1831. T-Protol.: Crescit in Brasilio. T-Specim.: 1 of 1 Brazil, *Anonymous s.n.* [HT: P].

NOTE: also in Opusc. Sci. Phys. Nat. 106 [reprint] 1831-1833

= **Olyra latifolia** L.

**Olyra micrantha** Kunth, Nov. Gen. Sp. 1: 199. 1816. T-Protol.: Crescit in umbrosis, humidis ad ripam Orinoci prope cataractam Maypurensium, floret Aprili, *Humboldt & Bonpland s.n.* T-Specim.: 1 of 1. Venezuela: Cresit in umbrosis humidis ad ripam Orinoci prope cataractam Maypurensium, *Humboldt & Bonpland s.n.* [HT: P(fragm., US)].

DST.: Arge, Boli, Braz, Colo, FrGu, Guya, Para, Peru, Suri, Vene.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Brako & Zarucchi (1993); Döll (1877); Foster (1958); Hitchcock (1927); Judziewicz (1991a); Macbride (1936); Renvoize (1984); Renvoize (1988); Renvoize (1998); Smith, Wasshausen & Klein (1981); Soderstrom & Zuloaga (1989); Steyermark et al. (1995); Tovar (1993); Zuloaga et al. (1994).

SYN.: *Olyra d'urvillei* Döll; *Olyra hirsuta* Trin.; *Olyra micrantha* var. *decalvata* Döll; *Olyra micrantha* var. *dioeca* Döll; *Olyra micrantha* var. *lanceolata* Döll; *Olyra micrantha* var. *micrantha*; *Olyra micrantha* var. *subvelutina* Döll; *Olyra scorbiculata* Schrad. ex Nees; *Olyra urvillei* Steud.; *Olyra ventricosa* Nees.

*Olyra micrantha* var. *decalvata* Döll, Fl. Bras. 2(2): 324. 1877. T-Protol.: Brasilia: pr. Manaos prov. do Alto Amazonas, *Spruce s.n.* T-Specim.: 1 of 1. Brazil: Amazonas, *Spruce s.n.* [HT: B].

= **Olyra micrantha** Kunth

*Olyra micrantha* var. *dioeca* Döll, Fl. Bras. 2(2): 324. 1877. T-Protol.: Brasilia.

= **Olyra micrantha** Kunth

*Olyra micrantha* var. *lanceolata* Döll, Fl. Bras. 2(2): 324. 1877. T-Protol.: Brasil: pr. Rio de Janeiro, *Gaudichaud 297*. T-Specim.: 1 of 1. Brazil: Rio de Janeiro:, *C. Gaudichaud-Beaupre 297* [HT: P(fragm., US-22877940)].

= **Olyra micrantha** Kunth

*Olyra micrantha* Kunth var. *micrantha*

= **Olyra micrantha** Kunth

*Olyra micrantha* var. *subvelutina* Döll, Fl. Bras. 2(2): 324. 1877. T-Protol.: Brasilia: prope Rio de Janeiro, *Riedel s.n.*, sub nomine Olyrae pubescentis.

= **Olyra micrantha** Kunth

*Olyra nana* Döll, Fl. Bras. 2(2): 329. 1877. T-Specim.: 1 of 1. Brazil: Amazonas: Rio Negro, Ega, *K.F.P. von*

*Martius s.n.* [LT: M?(fragm., US-2877939)], LT designated by Zuloaga & Judziewicz, Ann. Missouri Bot. Gard. 78: 933 (1991).
NOTE: nom. illeg. superfl.
CORRECT NAME: *Panicum esenbeckii* Steud.
= **Raddiella esenbeckii** (Steud.) C.E. Calderón & Soderstr.

*Olyra obliqua* Desv., Mem. Soc. Agric. Angers 1: 210. 1831. T-Protol.: Habitat in Brasilia. T-Specim.: 1 of 1. Brazil:, *Ex Herb. Desvaux s.n.* [HT: P(fragm., US-2877938)].
NOTE: also in Opusc. Sci. Phys. Nat. 106 [reprint] 1831-1833
= **Olyra glaberrima** Raddi

**Olyra obliquifolia** Steud., Syn. Pl. Glumac. 1: 36. 1853. T-Protol.: Surinam, *Kappler 1472*, O. longifolia Hochst. hb. Kappler n. 1472. T-Specim.: 1 of 1. Suriname:, *A. Kappler 1472* [HT: P(fragm., US-2877937); IT: MO].
DST.: Braz, FrGu, Suri.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1991a); Soderstrom & Zuloaga (1989).

*Olyra paniculata* Sw., Prodr. 21. 1788. T-Protol.: Incolit Jamaicae, *Swartz s.n.* T-Specim.: 1 of 1. Jamaica, *Swartz s.n.* [HT: S].
= **Olyra latifolia** L.

*Olyra pauciflora* Sw., Prodr. 21. 1788. T-Protol.: Jamaica, *Swartz s.n.* T-Specim.: 1 of 1. Jamaica, *O.P. Swartz s.n.* [HT: S(fragm., US-2877935); IT: M, US(fragm.)].
= **Lithachne pauciflora** (Sw.) P. Beauv.

*Olyra pineti* C. Wright ex Griseb., Mem. Amer. Acad. Arts, n.s., 8: 532. 1862. T-Protol.: Cuba: prope Monte Verde, inter pinorum folia dejecta, 22 Aug, *Wright 1536* [HT: GOET ]. T-Specim.: 1 of 1. Cuba: prope Villa Monte Verde, 1859, *C. Wright 1536* [HT: GOET(fragm., US-2877934); IT: GH, NY].
= **Lithachne pinetii** (C. Wright ex Griseb.) Chase

*Olyra pittieri* Hack., Oesterr. Bot. Z. 51: 461. 1901. T-Protol.: Costa Rica: in planitie silvatica Cardoncellol, *Pittier 3639*. T-Specim.: 1 of 1. Costa Rica: Heredia: Cordoncilla, near Río Angel, 31 Jan 1891, *H. Pittier 3639* [HT: W(fragm., US-2877933)].
= **Olyra caudata** Trin.

*Olyra podachne* Mez, Bot. Jahrb. Syst. 56(Beibl. 125): 6. 1921. T-Protol.: Brasil: São Paulo, *Löfgren 4071*. T-Specim.: 1 of 1. Brazil: São Paulo, no date, *A. Loefgren 4071* [HT: B(fragm., US-2877932); IT: US-1503403].
= **Cryptochloa capillata** (Trin.) Soderstr.

*Olyra polypodioides* Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 3,1(2-3): 117. 1834. T-Protol.: Brazil: Bahia, *Riedel s.n.* T-Specim.: 1 of 1. Brazil: Bahia, no date, *L. Riedel s.n.* [HT: LE; IT: US-2877931].
= **Raddia distichophylla** (Schrad. ex Nees) Chase

*Olyra pubescens* Raddi, Agrostogr. Bras. 18. 1823. T-Protol.: Brasilia: in montibus ubique in Provincia Rio de Janeiro. T-Specim.: 1 of 1. Brazil: Rio de Janeiro, *G. Raddi s.n.* [HT: PI(fragm., US-2877930)].
= **Olyra latifolia** L.

*Olyra ramosissima* Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 3,1(2-3): 116. 1834. T-Protol.: Brasilia: Bahiens, *Riedel s.n.* T-Specim.: 1 of 1. Brazil: Esperanca: Bahia, 1831, *Riedel 161* [HT: LE(fragm., US); IT: GH, K].
= **Parodiolyra ramosissima** (Trin.) Soderstr. & Zuloaga

**Olyra retrorsa** Soderstr. & Zuloaga, Smithsonian Contr. Bot. 69: 54, f. 11, 31-32. 1989. T-Protol.: Brazil: Mato Grosso: Rio Verde, Apr. 1918, *Kuhlmann 1868* [HT: RB; IT: IAN, RB ].
DST.: Braz.
LVL. ACCPTC.: 1.

*Olyra sampaiana* Hitchc., J. Wash. Acad. Sci. 17(9): 215, f. 1. 1927. T-Protol.: Brazil: Espirito Santo: at Reeve: 6 Dec 1924, *J. Vidal 44* [HT: US-1297351 ]. T-Specim.: 1 of 1. Brazil: Espirito Santo, 06 Dec 1924, *J. Vidal 44* [HT: US-1297351].
= **Sucrea sampaiana** (Hitchc.) Soderstr.

*Olyra sarmentosa* Döll, Fl. Bras. 2(2): 319. 1877. T-Specim.: 1 of 2. Peru, *J. Dombey 146* [ST: B(fragm., US-2877929)]. 2 of 2. Brazil: Amazonia, *Poeppig 3055* [ST: B(fragm., US-2877929)].
= **Parodiolyra lateralis** (J. Presl ex Nees) Soderstr. & Zuloaga

*Olyra scabra* Nees, Fl. Bras. Enum. Pl. 2: 306. 1829. T-Specim.: 1 of 2. Brazil: Bahia: in sylvis primaevis ad Almadam, *K.F.P. von Martius s.n.* [LT: M(fragm., US-2877928)], LT designated (as holotype) by Soderstrom & Zuloaga, Smithsonian Contr. Bot. 69: 29 (1989). 2 of 2. Brazil: in montosis provinciae Rio de Janeiro, *Raddi s.n.* [ST].
= **Olyra latifolia** L.

*Olyra scorbiculata* Schrad. ex Nees, Fl. Bras. Enum. Pl. 2: 303. 1829.
NOTE: nom. inval., as syn. of *Olyra ventricosa* Nees
= **Olyra micrantha** Kunth

*Olyra semiovata* Trin., Gram. Panic. 249. 1826. T-Protol.: Brazil: V. sp. Brasil., *Landsdorff s.n.* T-Specim.: 1 of 1. Brazil: Bahía: in umbrosis sylvaticis Mandisca, 1823, *G.H. von Langsdorff* [HT: LE(TRIN-1132.01)(fragm., US-2877927)], HT with figure.
= **Olyra glaberrima** Raddi

*Olyra semiovata* var. *pubescens* Hack., Repert. Spec. Nov. Regni Veg. 8(157-159): 46. 1910. T-Protol.: Paraguay: septentr. a 1909, *Fiebrig 5299* [HT: W ]. T-Specim.: 1 of 1. Paraguay, Sep 1909, *K. Fiebrig 5299* [HT: W(fragm., US-2877926)].
= **Olyra glaberrima** Raddi

*Olyra semiovata* var. *pubiflora* Hack., Bull. Herb. Boissier 4(3): 276. 1904. T-Protol.: Paraguay: in silvis in regione cursus superioris fluminis Apa, Dec, *Hassler 8194*. T-Specim.: 1 of 1. Paraguay, *E. Hassler 8194* [HT: W(fragm., US-2877925); IT: MO, P].
= **Olyra glaberrima** Raddi

*Olyra semiovata* Trin. var. *semiovata*
= **Olyra glaberrima** Raddi

*Olyra speciosa* Mez, Bot. Jahrb. Syst. 56(Beibl. 125): 7. 1921. T-Protol.: Guyana, *Kegel 34*. T-Specim.: 1 of 1. Surinam, Poelebantje, *Kegel 34* [HT: P].
= **Olyra caudata** Trin.

**Olyra standleyi** Hitchc., Proc. Biol. Soc. Wash. 40: 86. 1927. T-Protol.: Costa Rica: Cartago: in moist forest at El Muñeco on the Rí Navarro, 1400-1500 m, 6-7 Mar 1926, *Standley & R. Torres 50932* [HT: US-1307238 ]. T-Specim.: 1 of 1. Costa Rica: Cartago, 6 Mar 1926 to 7 Mar 1926, *P.C. Standley & R. Torres 50932* [HT: US-1307238].
DST.: CoRi, Pana, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Pohl (1980); Soderstrom & Zuloaga (1989); Steyermark et al. (1995).

*Olyra strephioides* Griseb., Cat. Pl. Cub. 229. 1866. T-Protol.: Cuba occ., *C. Wright 3435* [HT: GOET ]. T-Specim.: 1 of 1. Cuba: Pinar del Río: Río Santa [burk], among adventitious roots of palms, river margin, 27 Aug-5 Sep 1865, *C. Wright 3435* [HT: GOET(fragm., US-2877923, US-2877924); IT: GH, HAC, MO, NY, US].
= **Piresiella strephioides** (Griseb.) Judz., Zuloaga & Morrone

*Olyra strictiflora* (E. Fourn.) Hemsl., Biol. Cent.-Amer., Bot. 3: 510. 1885. Basionym: *Strephium strictiflorum* E. Fourn.
= **Cryptochloa strictiflora** (E. Fourn.) Swallen

*Olyra surinamensis* Hochst. ex Steud., Syn. Pl. Glumac. 1: 36. 1853. T-Protol.: Surinam, *hb. Hostmann 863*. T-Specim.: 1 of 1. Surinam: in paludosis distr. Para, Aug 1842, *F.W. Hostmann 863* [HT: P(fragm., US-2877922); IT: MO].
= **Olyra latifolia** L.

*Olyra sympodica* Döll, Fl. Bras. 2(2): 322. 1877. T-Protol.: In Guiana gallica prope Karowany, *Sagot 925*. T-Specim.: 1 of 1. French Guiana: Cayenne, no date, *P. Sagot 925* [HT: P(fragm., US-2877980)].
= **Piresia sympodica** (Döll) Swallen

**Olyra tamanquareana** Soderstr. & Zuloaga, Smithsonian Contr. Bot. 69: 58, f. 11, 35. 1989. T-Protol.: Brazil: Amazonas: Rio Negro, Ilha Tamanquare, downstream near Santa Isabel do Rio Negro (Tapuruquara), Sep 1979, *K. Kubitzki, C.E. Calderón & H.H. Popendieck 79-252* [HT: INPA; IT: K, MO, LE, NY, SI, US ]. T-Specim.: 1 of 1. Brazil: Amazonas, 12 Sep 1979, *K. Kubitzki et al. 79-252* [HT: INPA; IT: K, MO, LE, NY, SI, US-3109247].
DST.: Braz.
LVL. ACCPTC.: 1.

**Olyra taquara** Swallen, Phytologia 14(2): 86. 1966. T-Protol.: Brazil: Goiás: Mun. Jataí: in swamp forest at Riberão Grande, 25 Jul 1956, *A. Macedo 4586* [HT: US-2434254; IT: US ]. T-Specim.: 1 of 1. Brazil: Goiás, 25 Jul 1956, *A. Macedo 4386* [HT: US-2434254; IT: US-2434255].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (1991); Filgueiras (ined.); Soderstrom & Zuloaga (1989).

*Olyra urbaniana* Mez, Notizbl. Bot. Gart. Berlin-Dahlem 7(63): 47. 1917. T-Protol.: Tobago: in silvis primaevis montis Morne d'or", *Eggers 5841*. T-Specim.: 1 of 1. Trinidad and Tobago: Tobago I., no date, *H.F.A. von Eggers 5841* [HT: B(fragm., US-2877921)].
= **Raddia guianensis** (Brongn.) Hitchc.

*Olyra urvillei* Steud., Syn. Pl. Glumac. 1: 36. 1853. T-Protol.: Patria ?, *Urville hb. s.n.* T-Specim.: 1 of 1. Country of origin unknown, *Urville s.n.* [HT: P].
= **Olyra micrantha** Kunth

*Olyra ventricosa* Nees, Fl. Bras. Enum. Pl. 2: 303. 1829. T-Specim.: 1 of 3. Brazil: Corcovado, *Martius s.n.* [ST], var. alpha; "Olyra hirsuta var. alpha Trin. in lit.". 2 of 3. Brazil: haud procul a Rio de Janeiro urbe, *Langsdorff s.n.* [ST], "var. alpha". 3 of 3. Brazil: in paludibus ad Paraiba, *Princ. Maximil. Neovid.* [ST: B].
= **Olyra micrantha** Kunth

**Olyra wurdackii** Swallen, Phytologia 14(2): 85. 1966. T-Protol.: Venezuela: Amazonas: at edge of open rock on crystalline dome on right bank of Río Siapa just below Raudal Gallineta, 300-500 m, 21 Jul 1959, *Wurdack & Adderley 43540* [HT: US-2307269, US-2307270 ]. T-Specim.: 1 of 1. Venezuela: Amazonas, 21 Jul 1959, *J.J. Wurdack & L.S. Adderley 43540* [HT: US-2307270, US-2307269].
DST.: Braz, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Soderstrom & Zuloaga (1989); Steyermark et al. (1995).

*Olyra yucatana* Chase, Proc. Biol. Soc. Wash. 21: 178. 1908. T-Protol.: Mexico: Yucatan: common at Chichankanab, *Gaumer 2372* [HT: F-125941 ]. T-Specim.: 1 of 1. Mexico: Yucatan: common at Chichankanab, *G.F. Gaumer 2372* [HT: F(fragm., US-2877920)].
= **Olyra glaberrima** Raddi

*Olyreae* fam. Bercht. & J. Presl, Prir. Rostlin 265. 1820. TYPE: *Olyra* L.
NOTE: nom. inval., Art. 33.5
= **Olyreae** trib. Spenn.

*Olyreae* sect. Kunth, Mem. Mus. Hist. Nat. 2: 75. 1815.
NOTE: nom. inval.; Art. 33.5
= **Olyreae** trib. Spenn.

**Olyreae** trib. Spenn., Fl. Friburg. 1: 172. 1825. TYPE: *Olyra* L.
TRTD. BY: The authors.
NHT: Bambusoideae.

**Olyrinae** subtrib. Kromb., Fl. Luxembourg 496. 1875. TYPE: *Olyra* L.
TRTD. BY: The authors.
NHT: Olyreae.

*Olyroideae* subfam. Pilg., Nat. Pflanzenfam. (ed. 2) 14d: 168. 1956. TYPE: *Olyra* L.
= **Bambusoideae** subfam. Luerss.

*Oreocalamus* Keng, Sunyatsenia 4: 146. 1940. TYPE: *Oreocalamus szechuanensis* (Rendle) Keng
= **Chimonobambusa** Makino

**Oryza** L., Sp. Pl. 1: 333. 1753. TYPE: *Oryza sativa* L.; LT designated by Duistermaat, Blumea 32: 174 (1987)
TRTD. BY: Terrell & M. R. Duvall.
NHT: Oryzinae. SPP.: 5
SYN.: *Padia* Moritzi.

*Oryza alta* Swallen, Publ. Carnegie Inst. Wash. 461: 156, t. 1-2. 1936. T-Protol.: Brazil: Para: collected in water, margin of the Amazon at Obidos, 29-20 Jul 1934, *J.R. Swallen 5116* [HT: US-1614041, US-1614042 ]. T-Specim.: 1 of 1. Brazil: Para, 19 Jul 1934 to 20 Jul 1934, *J.R. Swallen 5116* [IT: US-1645889, US-1614042, US-1614041].
= **Oryza latifolia** Desv.

*Oryza australis* A. Braun ex Schweinf., Beitr. Fl. Aethiop. 300. 1867.
NOTE: nom. nud.
= **Leersia hexandra** Sw.

*Oryza clandestina* (F.H. Wigg.) A. Braun, Fl. Brandenburg 799. 1864. Basionym: *Ehrhartia clandestina* F.H. Wigg.
= Leersia oryzoides (L.) Sw.

*Oryza clandestina* Kunth fo. *clandestina*
= ***Leersia oryzoides*** (L.) Sw.

*Oryza clandestina* fo. *inclusa* Weisbord ex Baen., Deutsche Bot. Monatsschr. 15: 19. 1897. T-Protol.: Aus Niederösterreich in 1877 in Lief XXXI, *Hb. Eur. 3062.*
= **Leersia oryzoides** (L.) Sw.

*Oryza clandestina* fo. *patens* Weisbord ex Baen., Deutsche Bot. Monatsschr. 15: 19. 1897.. T-Protol.: Aus Ungarn in 1877 in Lief XXXI, Hb. Eur. 3063.
= **Leersia oryzoides** (L.) Sw.

*Oryza cubensis* Ekman ex Gotoh & Okura, J. Soc. Trop. Agric. Taihoku Univ. 5: 363 f. 1. 1933.
NOTE: nom. nud.
= **Oryza rufipogon** Griff.

*Oryza elongata* (Desv.) Steud., Nomencl. Bot. 577. 1821. Basionym: *Oryza sativa* var. *elongata* Desv.
= **Oryza sativa** L.

*Oryza glumipatula* Steud., Syn. Pl. Glumac. 1: 3. 1853. T-Protol.: Dutch Guiana: Culta in Surinam, *hb. Hostman 1195*, O. sativa Hochst. in hb. Hostman 1195.
NOTE: as *O. glumaepatula*
= **Oryza rufipogon** Griff.

**Oryza grandiglumis** (Döll) Prod., Bot. Arch. 1: 233. 1922. Basionym: *Oryza sativa* var. *grandiglumis* Döll
DST.: Boli, Braz, Colo, FrGu, Guya, Peru, Suri.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Allem & Valls (1987); Bor (1960); Judziewicz (1991a); Killeen (1990); Renvoize (1998); Tovar (1986); Tovar (1993).
SYN.: *Oryza latifolia* var. *grandiglumis* (Döll) A. Chev.; *Oryza sativa* var. *grandiglumis* Döll.

*Oryza hexandra* (Sw.) Döll, Fl. Bras. 2(2): 10. 1871. Basionym: *Leersia hexandra* Sw.
= **Leersia hexandra** Sw.

*Oryza hexandra* var. *grandiflora* Döll, Fl. Bras. 2(2): 11. 1871. T-Protol.: Argentina: varietatem gradifloram pr. Buenos Aires, *Anderson*.
= **Leersia hexandra** Sw.

*Oryza hexandra* (Sw.) Döll var. *hexandra*
= **Leersia hexandra** Sw.

**Oryza latifolia** Desv., J. Bot. Agric. 1: 77. 1813. T-Protol.: Habitat in Carolina (error), insulaque Portorici. T-Specim.: 1 of 1. Puerto Rico, *Desvaux Herb. s.n.* [T: P].
DST.: Arge, Beli, Boli, Braz, Cari, Colo, CoRi, Ecua, ElSa, FrGu, Guat, Guya, Hond, Mexi, Nica, Pana, Para, Peru, Suri, USA, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Allem & Valls (1987); Anonymous (1986); Beetle (1977); Berendsohn & Araniva de González (1991); Bor (1960); Brako & Zarucchi (1993); Breedlove (1986); Burkart (1969); Cowan (1983); Davidse, Sousa & Chater (1994); Hitchcock (1927); Hitchcock (1936); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Killeen (1990); Liogier & Martorell (1982); Macbride (1936); McClure (1955); McVaugh (1983); Molina R. (1975); Pohl (1980); Renner, Balslev & Holm-Nielsen (1990); Renvoize (1988); Renvoize (1998); Smith, Wasshausen & Klein (1982); Steyermark et al. (1995); Tovar (1993); Zuloaga et al. (1994).
SYN.: *Oryza alta* Swallen; *Oryza latifolia* var.

*grandispiculis* A. Chev.; *Oryza latifolia* var. *latifolia*; *Oryza platyphylla* Schult. & Schult. f.; *Oryza sativa* var. *latifolia* (Desv.) Döll.

*Oryza latifolia* var. *grandiglumis* (Döll) A. Chev., Rev. Int. Bot. Appl. Agric. Trop. 12: 1207. 1932. Basionym: *Oryza sativa* var. *grandiglumis* Döll
= **Oryza grandiglumis** (Döll) Prod.

*Oryza latifolia* var. *grandispiculis* A. Chev., Rev. Int. Bot. Appl. Agric. Trop. 12: 1027. 1932. T-Protol.: Brazil, Paraguay.
= **Oryza latifolia** Desv.

*Oryza latifolia* Desv. var. *latifolia*
= **Oryza latifolia** Desv.

*Oryza mexicana* (Kunth) Döll, Fl. Bras. 2(2): 10. 1871. Basionym: *Leersia mexicana* Kunth
= **Leersia hexandra** Sw.

*Oryza monandra* (Sw.) Döll, Fl. Bras. 2(2): 9. 1871. Basionym: *Leersia monandra* Sw.
= **Leersia monandra** Sw.

*Oryza monandra* var. *grandiflora* Döll, Fl. Bras. 2(2): 9. 1871. T-Protol.: Brasil: ad Caldas in prov. Minarum, *Regnall III 1402* [IT: US ].
= **Leersia ligularis** var. **grandiflora** (Döll) Pyrah

*Oryza monandra* (Sw.) Döll var. *monandra*
= **Leersia monandra** Sw.

*Oryza monandra var. parviflora* Döll, Fl. Bras. 2(2): 9. 1871. T-Protol.: Brazil meridionali: varietatis parvifloraea forma latifolia, *Sello*.
DST.: Braz.
LVL. ACCPTC.: 3.

*Oryza oryzoides* (L.) Brand & W.D.J. Koch, Syn. Deut. Schweiz. Fl. (ed. 3) 3: 2704. 1905. Basionym: *Phalaris oryzoides* L.
= **Leersia oryzoides** (L.) Sw.

*Oryza oryzoides* (L.) Dalla Torre & Sarnth., Fl. Tirol 6(1): 142. 1906. Basionym: *Phalaris oryzoides* L.
NOTE: isonym
E. HOM.: *Oryza oryzoides* (L.) Brand & W.D.J. Koch
= **Leersia oryzoides** (L.) Sw.

*Oryza paraguayensis* Wedd. ex E. Fourn., 1878: 233. 1880. T-Protol.: Brazil: Matto Grosso.
= **Oryza rufipogon** Griff.

*Oryza paraguayensis* Franch., Bull. Soc. Hist. Nat. Autun 8: 365. 1895.
NOTE: nom. inval., as syn of *Oryza sativa* var. *paragayensis* Franch., as "*O. paragayensis*"
= **Oryza rufipogon** Griff.

*Oryza perennis* Moench, Methodus 197. 1797. T-Protol.: Cult.: h. in frigidario.
NOTE: nom. dub., cf. Blumea 32:191 (1987); May be synonoymus with *O. rufipogon*, but the type lost
DST.:
LVL. ACCPTC.: 3; cultivated, introduced.
ALSO ACCPTD BY: Beetle (1977); Hitchcock (1936); McVaugh (1983).

*Oryza perennis* var. *glumipatula* (Steud.) C. Chev., Rev. Int. Bot. Appl. Agric. Trop. 12: 1028. 1932. Basionym: *Oryza glumipatula* Steud.
= **Oryza rufipogon** Griff.

*Oryza perennis* var. *paragayensis* A. Chev., Rev. Int. Bot. Appl. Agric. Trop. 12: 1028, t. 6. 1932.
REPLACED NAME: *Oryza sativa* var. *paraguayensis* Franch..
BLOCKING NAME: *Oryza sativa* var. *paraguayensis* Körn.
= **Oryza rufipogon** Griff.

*Oryza platyphylla* Schult. & Schult. f., Syst. Veg. 7(2): 1364. 1830.
NOTE: based on "*Oryza latifolia* Humb. & Bonpl.," not Desv.
= **Oryza latifolia** Desv.

*Oryza rubribarbis* (Desv.) Steud., Nomencl. Bot. 577. 1821. Basionym: *Oryza sativa* var. *rubribarbis* Desv.
= **Oryza sativa** L.

**Oryza rufipogon** Griff., Not. Pl. Asiat. 3: 5, t. [Ic, t. Asiat.] 144, f. 2. 1851. T-Specim.: 1 of 1. Bangladesh, *Tim s.n.* [NT: CAL], NT designated by Sharma & Shastry, Indian J. Genet. Pl. Breed. 25(20): 157-167 (1965).
DST.: Arge, Boli, Braz, Cari, CoRi, Ecua, FrGu, Guya, Hond, Mexi, Pana, Peru, Suri, Vene.
LVL. ACCPTC.: 1; introduced.
ALSO ACCPTD BY: Allem & Valls (1987); Bor (1960); Brako & Zarucchi (1993); Davidse, Sousa & Chater (1994); Filgueiras (ined.); Jørgensen & León-Yánez (1999); Judziewicz (1991a); Killeen (1990); Renvoize (1998); Steyermark et al. (1995); Wunderlin (1998); Zuloaga et al. (1994).
SYN.: *Oryza cubensis* Ekman ex Gotoh & Okura; *Oryza glumipatula* Steud.; *Oryza paraguayensis* Franch.; *Oryza paraguayensis* Wedd. ex E. Fourn.; *Oryza perennis* var. *glumipatula* (Steud.) C. Chev.; *Oryza perennis* var. *paragayensis* A. Chev.; *Oryza sativa* subsp. *rufipogon* (Griff.) de Wet; *Oryza sativa* var. *paraguayensis* Franch.; *Oryza sativa* var. *paraguayensis* Parodi; *Oryza sativa* var. *rubribarbis* Desv.; *Oryza sativa* var. *rufipogon* (Griff.) G. Watt; *Oryza sativa* var. *savannae* Körn.; *Oryza sativa* var. *sundensis* Körn.

**Oryza sativa** L., Sp. Pl. 1: 333. 1753. T-Protol.: India: Habitat forte in Aethiopia, colitur in India paludosis. T-Specim.: 1 of 1. India [LT: LINN-460.1], LT designated by Duistermaat, Blumea 32: 174 (1987).
DST.: Arge, Beli, Boli, Braz, Cana, Cari, Chil, CoRi, Ecua, FrGu, Guat, Guya, Hond, Mexi, Nica, Pana, Para, Peru, USA, Urug, Vene.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Adams (1972); Beetle (1977);

Berendsohn & Araniva de González (1991); Bor (1960); Breedlove (1986); Burkart (1969); Correll & Johnston (1970); Cowan (1983); Davidse, Sousa & Chater (1994); Dodson, Gentry & Valverde (1985); Döll (1871); Filgueiras (1991); Gleason & Cronquist (1968); Gleason & Cronquist (1991); Godfrey & Wooten (1979); Gould (1979); Hickman (1993); Hitchcock (1936); Hitchcock (1951); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Killeen (1990); Liogier & Martorell (1982); Macbride (1936); Marticorena & Quezada (1985); McClure (1955); McVaugh (1983); Molina R. (1975); ORSTOM (1988); Peltier (1970); Peltier (1971); Pohl (1980); Radford, Ahles & Bell (1968); Renner, Balslev & Holm-Nielsen (1990); Renvoize (1988); Renvoize (1998); Rosengurtt, Arrillaga de Maffei & Izaguirre de Artuco (1970); Small (1933); Smith, Wasshausen & Klein (1982); Steyermark et al. (1995); Tovar (1993).

SYN.: *Oryza elongata* (Desv.) Steud.; *Oryza rubribarbis* (Desv.) Steud.; *Oryza sativa* var. *elongata* Desv.; *Oryza sativa* var. *rubribarbis* Desv.

*Oryza sativa* var. *elongata* Desv., J. Bot. (Desvaux) 1: 76. 1813. T-Protol.: Cult.: Brazil.

= **Oryza sativa** L.

*Oryza sativa* var. *grandiglumis* Döll, Fl. Bras. 2(2): 8. 1871. T-Protol.: Brasilia: in valle Broco lectae, *Luschnath s.n.* T-Specim.: 1 of 1. Brazil, *Riedel 1261* [T: ?; IT: K].

= **Oryza grandiglumis** (Döll) Prod.

*Oryza sativa* var. *latifolia* (Desv.) Döll, Fl. Bras. 2(2): 7. 1871. Basionym: *Oryza latifolia* Desv.

= **Oryza latifolia** Desv.

*Oryza sativa var. paraguayensis* Körn., Handb. Getreidebau 2: 939. 1885.

LVL. ACCPTC.: 3.

*Oryza sativa* var. *paraguayensis* Franch., Bull. Soc. Hist. Nat. Autun 8: 365. 1893. T-Specim.: 1 of 3. Congo Francais: bords inondés de l' Alina, *J. de Brazza & Thollon 60* [ST]. 2 of 3. Congo Francais: entre Mokeno et Mongo, *J. de Brazza & Thollon 218* [ST]. 3 of 3. Paraguay: Rio Paraguay, *Weddell 3259* [ST].

NOTE: as *"Oriza" sativa* var. *paragayensis*

E. HOM.: *Oryza sativa* var. *paraguayensis* Körn.

CORRECT NAME: *Oryza perennis* var. *paragayensis* A. Chev.

= **Oryza rufipogon** Griff.

*Oryza sativa* var. *paraguayensis* Parodi, Physis (Buenos Aires) 11: 244. 1933. T-Protol.: Ri0 Paraguay, *Weddell 3259*. T-Specim.: 1 of 1. Paraguay: Río Paraguay, Apr 1845 to May 1845, *H.A. Weddell 3259* [IT: US-1645646].

NOTE: hom. illeg.

E. HOM.: *Oryza sativa* var. *paraguayensis* Körn.

= **Oryza rufipogon** Griff.

*Oryza sativa* var. *rubribarbis* Desv., J. Bot. (Desvaux) 1: 76. 1813.

= **Oryza sativa** L.

*Oryza sativa* subsp. *rufipogon* (Griff.) de Wet, Kulturpflanze 29: 188. 1981. Basionym: *Oryza rufipogon* Griff.

= **Oryza rufipogon** Griff.

*Oryza sativa* var. *rufipogon* (Griff.) G. Watt, Dict. Econ. Prod. India 5: 504. 1891. Basionym: *Oryza rufipogon* Griff.

= **Oryza rufipogon** Griff.

*Oryza sativa* var. *savannae* Körn., Handb. Getreidebau 1: 233, 236. 1885.

= **Oryza rufipogon** Griff.

*Oryza sativa* var. *sundensis* Körn., Handb. Getreidebau 2: 939. 1885. T-Protol.: Brazil. T-Specim.: 1 of 1. Brazil, 3751, *Schenck* [LT: C, C].

= **Oryza rufipogon** Griff.

*Oryza subulata* Nees, Fl. Bras. Enum. Pl. 2: 518. 1829. T-Protol.: Habitat in confinibus regni Paraguayani et in Rio Grande do Sul, locis paludosis, *Sellow s.n.*

= **Rhynchoryza subulata** (Nees) Baill.

*Oryzeae* fam. Bercht. & J. Presl, Prir. Rostlin 165. 1820. TYPE: *Oryza* L.

NOTE: nom. inval., Art. 33.5

= **Oryzeae** trib. Dumort.

**Oryza** subg. **Brachyanthae** (S. Sampath ex S.D. Sharma & Shastry) Terrell, P.M. Peterson & Wergin, Smithsonian Contr. Bot., in press.

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Terrell et al. (in press)

SYN.: *Oryza* ser. *Brachyanthae* S. Sampath ex S.D. Sharma & Shastry

**Oryza** subg. **Oryza**

LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Terrell et al. (in press)

**Oryza** subg. **Oryza** sect. **Granulatae** Roshev., Bull. Appl. Bot. Pl. Br. 27(4): 32. 1931. TYPE: *Oryza meyeriana* (Zoll. & Moritizi) Baill.

LVL. ACCPTC.: 1.

ALSO ACCPTD. BY: Terrell et al. (in press)

SYN.: *Oryza* sect *Padia* (Zoll. & Moritzi) Baill.

**Oryza** subg. **Oryza** sect. **Oryza**

LVL. ACCPTC.: 1.

ALSO ACCPTD. BY: Terrell et al. (in press)

SYN.: *Oryza* sect. *Euoryza* Baill., *Oryza* sect. *Sativa* Roshev.

**Oryza** subg. **Oryza** sect. **Oryza** ser. **Latifoliae** Tateoka ex S.D. Sharma & Shastry, Indian J. Genet. 25(2): 175. 1965. TYPE: *Oryza latifolia* Desv.

LVL. ACCPTC.: 1.

ALSO ACCPTD. BY: Terrell et al. (in press)

SYN.: *Oryza* ser. *Australiensis* Tateoka ex S.D. Sharma &

Shastry

**Oryza** subg. **Oryza** sect. **Oryza** ser. **Oryza**
LVL. ACCPTC.: 1.
ALSO ACCPTD. BY: Terrell et al. (in press)
SYN.: ser. *Sativae* S.D. Sharma & Shastry

**Oryza** subg. **Oryza** sect. **Ridleyanae** Tateoka, Amer. J. Bot. 51: 542. 1964. TYPE: *Oryza ridleyi* Hook.f
LVL. ACCPTC.: 1.
ALSO ACCPTD. BY: Terrell et al. (in press)
SYN.: *Oryza* ser. *Ridleyanae* S.D. Sharma & Shastry

**Oryza** subg. **Schlechterianae** (S.D. Sharma & Shastry) Terrell, P.M. Peterson & Wergin, Smithsonian Contr. Bot., in press.
LVL. ACCPTC.: 1.
ALSO ACCPTD. BY: Terrell et al. (in press)
SYN.: *Oryza* ser. *Schlechterianae* S.D. Sharma & Shastry

**Oryzeae** trib. Dumort., Observ. Gramin. Belg. 83, 89, 135. 1824. TYPE: *Oryza* L.
TRTD. BY: The authors.
NHT: Ehrhartoideae.
SYN.: fam. *Oryzeae* Bercht. & J. Presl; trib. *Zizanieae* Hitchc.; UNRANKED. *Oryzeae* Rchb.

**Oryzinae** subtrib. (Rchb.) Griseb., Fl. Ross. 4: 465. Jun 1853. Basionym: *Oryzeae* UNRANKED. Rchb.
TRTD. BY: The authors.
NHT: Oryzeae.
SYN.: UNRANKED. *Oryzinae* Rchb.

*Oryzoideae* subfam. Burmeist., Handb. Naturgesch. 208. 1837. TYPE: *Oryza* L.
NOTE: isonym, as *"Oryzeae"*
= **Ehrhartoideae** subfam. Link

**Otatea** (McClure & E.W. Sm.) C.E. Calderón & Soderstr., Smithsonian Contr. Bot. 44: 21. 1980. Basionym: *Yushania* subg. *Otatea* McClure & E.W. Sm.
TRTD. BY: Judziewicz.
NHT: Guaduinae. SPP.: 2
CNSLTD LIT.: McClure (1973); Guzman, Anaya C. & Santana M. (1984); Calderón & Soderstrom (1980); McVaugh (1983).
SYN.: *Yushania* subg. *Otatea* McClure & E. W. Sm.

**Otatea acuminata** (Munro) C.E. Calderón & Soderstr., Smithsonian Contr. Bot. 44: 21. 1980. Basionym: *Arundinaria acuminata* Munro
DST.: CoRi, Hond, Mexi.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Breedlove (1986); Davidse, Sousa & Chater (1994); Dávila & Sánchez-Ken (1994); McVaugh (1983).
SYN.: *Arundinaria acuminata* Munro; *Yushania acuminata* (Munro) McClure.

**Otatea acuminata** (Munro) C.E. Calderón & Soderstr. subsp. **acuminata**
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Dávila & Sánchez-Ken (1994).

**Otatea acuminata** subsp. **aztecorum** (McClure & E.W. Sm.) R. Guzmán, Anaya & Santana, Bol. Inst. Bot. (Univ. Guadalajara) 5(10): 8. 1984. Basionym: *Yushania aztecorum* McClure & E.W. Sm.
DST.: Mexi.
LVL. ACCPTC.: 1; cultivated.
SYN.: *Otatea aztecorum* (McClure & E.W. Sm.) C.E. Calderón & Soderstr.; *Yushania aztecorum* McClure & E.W. Sm.

*Otatea aztecorum* (McClure & E.W. Sm.) C.E. Calderón & Soderstr., Smithsonian Contr. Bot. 44: 21. 1980. Basionym: *Yushania aztecorum* McClure & E.W. Sm.
= **Otatea acuminata** subsp. **aztecorum** (McClure & E.W. Sm.) R. Guzmán, Anaya & Santana

**Otatea fimbriata** Soderstr., Fl. Novo-Galiciana 14: 280, f. 17. 1983. T-Protol.: Mexico: Chiapas: Mun. San Fernando: Cañón de el Sumidero, ca. 20 km N of Tuxtla Gutiérrez, 8 Oct 1977, *Soderstrom 2245* [HT: MEXU; IT: CHAPA, DD, K, LE, MICH, MO, P, PRE, US(7 sheaths) ]. T-Specim.: 1 of 1. Mexico: Chiapas: Mun. San Fernando: Cañón de El Sumidero, ca. 20 km N of Tuxtka Gutiérrez, 8 Oct 1977, *T.R. Soderstrom 2245* [HT: MEXU; IT: , US-2909915, US-151015, US-151024, US-151023, US-1509995, US-150994, US-150993].
DST.: Colo, ElSa, Hond, Mexi.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Berendsohn & Araniva de González (1991); Breedlove (1986); Davidse, Sousa & Chater (1994); Dávila & Sánchez-Ken (1994); Londoño & Clark (1998); McVaugh (1983).

*Padia* Moritzi, Syst. Verz. 103. 1845. TYPE: *Padia meyeriana* Zoll. & Moritzi
= **Oryza** L.

*Panicum esenbeckii* Steud., Syn. Pl. Glumac. 1: 90. 1854. T-Protol.: Brasil: in agris et viis ad Ega provinciae Fluminis Nigri, *Martius s.n.* [HT: P], see Notes.
= **Raddiella esenbeckii** (Steud.) C.E. Calderón & Soderstr.

*Panicum laterale* J. Presl ex Nees, Fl. Bras. Enum. Pl. 2: 213. 1829. T-Protol.: Hab. in montibus Orinocensibus [huanoccenses], *Haenke s.n.* [HT: PR ], Nees misread the label, see Soderstrom & Zuloaga, Smithsonian Contr. Bot, 69: 66 (1989). T-Specim.: 1 of 1. Peru, no date, *T. Haenke s.n.* [HT: PR(fragm., US-979110; photo, US)].
= **Parodiolyra lateralis** (J. Presl ex Nees) Soderstr. & Zuloaga

*Panicum molliculmum* Swallen, Bot. Mus. Leafl. 16(4): 57. 1953. T-Protol.: Colombia: Caqueta (as Vaupes): Cerro de el Castillo, Rio Aparoris, moist shaded sandstone ledge with mosses and Selaginella sp., 16 Jan 1942, *G. Gutierrez & R. E. Schultes 616* [HT: US;

IT: COL ].
= **Raddiella molliculma** (Swallen) C.E. Calderón & Soderstr.

**Pariana** Aubl., Hist. Pl. Guiane 876. 1775. TYPE: *Pariana campestris* Aubl.
TRTD. BY: Hollowell, V. C. .
NHT: Parianinae. SPP.: 38
CNSLTD LIT.: Hollowell (1989); Hollowell (1994); Judziewicz (1991a).

*Pariana acuminatissima* Huber, Bol. Mus. Paraense Hist. Nat. 4: 526. 1906.
NOTE: nom. inval., as syn. of *Pariana mayensis* Huber
CORRECT NAME: *Pariana maynensis* Huber
= **Pariana maynensis** Huber

*Pariana amomizans* Rich., Fl. Brasil 2(2): 337. 1877.
NOTE: nom. inval., as syn. of *Pariana zingiberina* Rich. ex Doell
CORRECT NAME: *Pariana zingiberina* Rich. ex Döll
= **Pariana zingiberina** Rich. ex Döll

*Pariana angustifolia* Rich., Fl. Brasil 2(2): 337. 1877.
NOTE: nom. inval.; as syn. of *Pariana zingiberina* Rich. ex Doell
CORRECT NAME: *Pariana zingiberina* Rich. ex Döll
= **Pariana zingiberina** Rich. ex Döll

**Pariana argentea** Hollowell & Davidse, Novon 2(2): 98. 1992. T-Protol.: Panama: Panamá: El Llano-Cartí road, 4 mi beyond the (Pan-American) Highway, 500 m, in shade of forest, spikes green, the stamens yellow, 5 Dec 1979, *T. B. Croat 49139* [HT: MO ].
DST.: Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse & Pohl (1992); Davidse, Sousa & Chater (1994); Hollowell (1994).

**Pariana aurita** Swallen, J. Wash. Acad. Sci. 30(2): 73, f. 3. 1940. T-Protol.: Peru: Loreto: above Pongo de Manseriche, mouth of the Rio Santiago, 200 m, 17 Nov 1931, in dense forest, perennial, herb, yellow stamens, *Mexia 6116* [HT: US-1539376; IT: F ]. T-Specim.: 1 of 1. Peru: Loreto, 17 Nov 1931, *Y. Mexia 6116* [HT: US-1539376; IT: F, US-2209351].
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Tovar (1993).

**Pariana bicolor** Tutin, J. Linn. Soc., Bot. 50(334): 355, t. 9, f. 19. 1936. T-Protol.: Bolivia: La Paz: San Carlos, Mapiri Region, 850 m, Dec 1926, *O. Buchtien 458* [HT: US; IT: NY ]. T-Specim.: 1 of 1. Bolivia: La Paz, 17 Dec 1926, *O. Buchtien 458* [HT: US-1538039].
DST.: Boli, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Foster (1958); Renvoize (1998); Tovar (1986); Tovar (1993).

**Pariana campestris** Aubl., Hist. Pl. Guiane 2: 876, t. 337. 1775. T-Protol.: Cayenne, pracipue ad margines viae quae ducit ad Loyola, *Aublet s.n.* T-Specim.: 1 of 1. French Guiana: Cayenne, *Aublet s.n.* [HT: BM; IT:P(fragm., US-2877973)].
DST.: Braz, FrGu, Guya, Suri.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Döll (1877); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Macbride (1936); Renner, Balslev & Holm-Nielsen (1990); Tutin (1936).
SYN.: *Pariana glauca* Nees; *Pariana glauca* var. *glauca*; *Pariana glauca* var. *scabra* (Nees) Döll; *Pariana inaequalis* Miq.; *Pariana scabra* Nees; *Pariana silvestris* Nees; *Pariana sylvestris* Nees.

**Pariana concinna** Tutin, J. Linn. Soc., Bot. 50(334): 358, f. 23. 1936. T-Protol.: Brazil: Prov. Amazonas: Barra do Rio Negro (Manaos), in forest, Feb 1851, *R. Spruce 1787* [HT: K ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Pariana debilis** Tutin, J. Linn. Soc., Bot. 50(334): 361, f. 27. 1936. T-Protol.: British Guiana: Potaro River, in the Gorge about a mile below Kaietuk Fall, shady stony ground sloping steeply to the river, 22 Aug 1933, *Tutin 573* [HT: BM ].
NOTE: may be synonymous with *P. radiciflora*
DST.: Guya.
LVL. ACCPTC.: 2.

**Pariana distans** Swallen, J. Wash. Acad. Sci. 30(2): 73, f. 4. 1940. T-Protol.: Brazil: Pará: in forest borders, Santarem, 19-26 Jan 1934, *Swallen 3286* [HT: US-1614187 ]. T-Specim.: 1 of 1. Brazil: Pará, 19 Jan 1934 to 26 Jan 1934, *J.R. Swallen 3286* [HT: US-1614187].
DST.: Braz.
LVL. ACCPTC.: 1.

**Pariana ecuadorensis** Pilg., Notizbl. Bot. Gart. Berlin-Dahlem 14(124): 323. 1939. T-Protol.: Ecuador-Ost: Oriente, Pacayacu, im stark gelichteten Regenwald, ca. 200 m, Mar 1937, *H. Schultze-Rhonhof 2275* [HT: B ]. T-Specim.: 1 of 1. Ecuador, *H. Schultze-Rhonhof 2275* [HT: B(fragm., US-2877972)], .
DST.: Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Pilger (1939).

*Pariana glauca* Nees, Fl. Bras. Enum. Pl. 2: 294. 1829. T-Protol.: Habitat in sylvis ad Coari provinciae Paraensis, Nov., *Martius s.n.* T-Specim.: 1 of 1. Brazil: Pará, *K.F.P. von Martius s.n.* [T: US-2877971(fragm.)].
NOTE: a good species according to E.J. Judziewicz.
= **Pariana campestris** Aubl.

*Pariana glauca* Nees var. *glauca*
= **Pariana campestris** Aubl.

*Pariana glauca* var. *scabra* (Nees) Döll, Fl. Bras. 2(2): 333. 1877. Basionym: *Pariana scabra* Nees
= **Pariana campestris** Aubl.

**Pariana gleasonii** Hitchc., Contr. U.S. Natl. Herb. 22(6): 513. 1922. T-Protol.: British Guiana: collected in dense upland bush at Potaro Landing, 25-27 Jun 1921, *H.A. Gleason 209* [HT: US-1064516]. T-Specim.: 1 of 1. Guyana: Potaro River, Potaro Landing, in dense upland bush, 25-27 Jun 1921, *H.A. Gleason 209* [HT: US-1064516].
NOTE: may be synonymous with *P. radiciflora*
DST.: Guya.
LVL. ACCPTC.: 2.
ALSO ACCPTD BY: Tutin (1936).
SYN.: *Pariana pulcherrima* Tutin.

**Pariana gracilis** Döll, Fl. Bras. 2(2): 337. 1877. T-Specim.: 1 of 2. Brazil: habitat prope Manaos prov. de Atto Amazonas, *Spruce 1787* [LT: K], LT designated by Tutin, J. Linn. Bot., Bot. 50(334): 359 (1936). 2 of 2. Bolivia: Majos, *d'Orbigny 147* [ST: BR; IST: BR, P, US-2877970].
DST.: Boli, Braz, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Foster (1958); Renvoize (1998); Tovar (1993); Tutin (1936).

**Pariana imberbis** Nees, Fl. Bras. Enum. Pl. 2: 297. 1829. T-Protol.: Brasilia: habitat ad Barra do Rio Negro. T-Specim.: 1 of 1. Brazil: Amazonas: Rio Negro, Manaus, *Martius s.n.* [HT: M(fragm., US-2877968)].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1877); Tutin (1936).

*Pariana inaequalis* Miq., Linnaea 19(1): 127. 1847. T-Protol.: Surinam, *Plantae Kapplerianae 1653*. T-Specim.: 1 of 1. Surinam, *F.W. Hostmann & A. Kappler 1653* [IT: US-2877967(fragm.)].
NOTE: a good species according to E.J. Judziewicz
= **Pariana campestris** Aubl.

**Pariana intermedia** Döll, Fl. Bras. 2(2): 337, t. 47. 1877. T-Protol.: Brasilia: in vicinia Satarem, prov. Para, *Spruce 876*. T-Specim.: 1 of 1. Brazil: Pará, *R. Spruce 876* [HT: M; IT: US-2877966].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Tutin (1936).

**Pariana interrupta** Tutin, J. Linn. Soc., Bot. 50(334): 348, f. 11. 1936. T-Protol.: Brazil: Prov. Rio Negro: prope Barra (Manaos), 1855, *Spruce s.n.* [HT: K ].
DST.: Braz, Colo.
LVL. ACCPTC.: 1.

**Pariana lanceolata** Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 3,1(2-3): 107. 1834. T-Protol.: Brasilia: V. spp. Bahiens. T-Specim.: 1 of 1. Brazil: Bahia, 1831, *Riedel s.n.* [HT: LE(TRIN-3155.01); IT: LE(TRIN-3155.02), K].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Döll (1877); Renvoize (1984); Tutin (1936).

**Pariana ligulata** Swallen, J. Wash. Acad. Sci. 30(2): 74, f. 5. 1940. T-Protol.: Brazil: Para: in forest at Boa Vista, Rio Tapajos, 7-13 Jan 1934, *Swallen 3177* [HT: US-1613673 ]. T-Specim.: 1 of 1. Brazil: Para, 7 Jan 1934 to 13 Jan 1934, *J.R. Swallen 3177* [HT: US-1613673].
DST.: Braz.
LVL. ACCPTC.: 1.

**Pariana longiflora** Tutin, J. Linn. Soc., Bot. 50(334): 354, f. 18. 1936. T-Protol.: British Guiana: Karau Creek, Mazaruni Station, in Mora forest, *Tutin 39* [HT: BM ].
NOTE: may be synonymous with *P. radiciflora*
DST.: Guya.
LVL. ACCPTC.: 2.

**Pariana lunata** Nees, Fl. Bras. Enum. Pl. 2: 295. 1829. T-Protol.: Brasilia: habitat in sylvis juxta flumen Amazonum provinciae Paraensis, Feb, Mar.
NOTE: may be synonymous with *P. campestris*
DST.: Braz, FrGu.
LVL. ACCPTC.: 2.
ALSO ACCPTD BY: Döll (1877); Foster (1958); Hitchcock (1927); Tutin (1936).
SYN.: *Pariana lunata* Nees ex Trin.; *Pariana mollis* Nees.

**Pariana maynensis** Huber, Bol. Mus. Paraense Hist. Nat. 4: 526. 1906. T-Protol.: Peru: Cerro de Canchahuaya, 10 Nov 1898, *Huber 1440 (1898)* [HT: presumed lost; LT: MG under Pariana acuminatissima ]. T-Specim.: 1 of 1. Peru: Loreto: Cerro de Canchahuaya, *J. Huber 4296* [NT: MG-1440, F-045798], NT designated by Hollowell, Fl. Mesoamer. 6: 217 (1994).
DST.: Braz, Colo, Ecua, Pana, Peru, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Hollowell (1994); Tovar (1993); Tutin (1936).
SYN.: *Pariana acuminatissima* Huber.

*Pariana microstachya* Do|2ll, Fl. Brasil 2(2): 339. 1877.
NOTE: nom. inval., as syn. *Pariana parviflora* Trin.
CORRECT NAME: *Pariana parviflora* Trin.
= **Eremitis parviflora** (Trin.) C.E. Calderon & Soderstr.

**Pariana modesta** Swallen, J. Wash. Acad. Sci. 30(2): 77, f. 7. 1940. T-Protol.: Brazil: Maranhão: in high open forest between Caxias and Barra do Corda, 18-26 Feb 1934, *Swallen 3544* [HT: US-1613666 ]. T-Specim.: 1 of 1. Brazil: Maranhão, 18 Feb 1934 to 26 Feb 1934, *J.R. Swallen 3544* [HT: US-1613666].
DST.: Braz.
LVL. ACCPTC.: 1.

*Pariana mollis* Nees, Fl. Bras. Enum. Pl. 2: 296. 1829. T-Protol.: Brasilia: habitat in sylvis ad Ega provinciae Fluminis Nigri, Dec. T-Specim.: 1 of 1. Brazil, *K.F.P. von Martius s.n.* [T: US-2877962(fragm.)].
NOTE: may be synonymous with *P. campestris* or *P.*

*lunata*
= **Pariana lunata** Nees

*Pariana monothalmia* (Döll) Tutin, J. Linn. Soc., Bot. 50(334): 349. 1936. Basionym: *Eremitis monothalamia* Döll
= **Eremitis parviflora** (Trin.) C.E. Calderón & Soderstr.

**Pariana nervata** Swallen, J. Wash. Acad. Sci. 30(2): 71, f. 1. 1940. T-Protol.: Brazil: Pará: Mosqueira, near Belém, at edge of forest, 15 Jun 1934, *Swallen 4873* [HT: US-1613658 ]. T-Specim.: 1 of 1. Brazil: Pará: Mosqueira, 15 Jun 1934, *J.R. Swallen 4873* [HT: US-1613658].
DST.: Braz.
LVL. ACCPTC.: 1.

*Pariana nivea* Huber ex Tutin, J. Linn. Soc., Bot. 50(334): 348. 1936.
NOTE: nom. nud., as syn. of *Pariana interrupta* Tutin
= **Pariana sp.** Hollowell

**Pariana obtusa** Swallen, Mem. New York Bot. Gard. 9(3): 268. 1957. T-Protol.: Venezuela: Amazonas: Cerro Sipapo (Paraque), vicinity of base camp, 175 m, 25 Dec 1948, *B. Maguire & L. Politi 27940* [HT: NY ]. T-Specim.: 1 of 1. Venezuela: Amazonas: Cerro Sipapo, 25 Dec 1948, *B. Maguire & L. Politi 27940* [HT: NY(fragm., US-2553118)].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Renvoize (1998); Swallen, Sohns & Black (1957).

**Pariana ovalifolia** Swallen, J. Wash. Acad. Sci. 30(2): 72, f. 2. 1940. T-Protol.: Brazil: Pará: in forest borders 35 km N of Monte Alegre, 28 Jan-1 Feb 1934, *Swallen 3379* [HT: US-1614216 ]. T-Specim.: 1 of 1. Brazil: Pará: 35 km N of Monte Alegre, 28 Jan 1934 to 01 Feb 1934, *J.R. Swallen 3379* [HT: US-1614216].
DST.: Braz.
LVL. ACCPTC.: 1.

**Pariana pallida** Swallen, Mem. New York Bot. Gard. 9(3): 268. 1957. T-Protol.: Venezuela: Amazonas: Playa Alta, Río Cunucunuma, Río Orinoco, common in moist lowland woods along river, 6 Nov 1950, perennial, inflorescences on nearly naked scapes arising from subterranean rhizomes, *B. Maguire, Cowan & Wurdack 29455* [HT: US-2040209; IT: F ]. T-Specim.: 1 of 1. Venezuela: Amazonas, 6 Nov 1950, *B. Maguire et al. 29455* [HT: US-2040209; IT: F].
DST.: Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Swallen, Sohns & Black (1957).

*Pariana paraensis* Huber ex Tutin, J. Linn. Soc., Bot. 50(334): 353. 1936.
NOTE: nom. inval., as syn. of *Pariana vulgaris* Tutin
CORRECT NAME: *Pariana vulgaris* Tutin
= **Pariana vulgaris** Tutin

*Pariana parviflora* Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 3,1(2-3): 105. 1834. T-Protol.: *HT: LE*. T-Specim.: 1 of 3. [HT: LE], V.C.Hollwell 25 June 1989 (HT for *Eremitis parviflora*) Orig.label:"Parianae sp. (parvifloram dixi ad specimina a Riedelis mihi data, evdemmuch incompleta)". 2 of 3. Brazil: Castelnoso, March 1822, *Riedel 1591 & 165* [LE], V.C.Hollwell 1989 (IT). 3 of 3. Brazil: Bahia, 1831, *Riedel s.n.* [HT: LE-TRIN-3158.01].
= **Eremitis parviflora** (Trin.) C.E. Calderón & Soderstr.

**Pariana parvispica** R.W. Pohl, Iowa State J. Res. 47(1): 73, f. 2. 1972. T-Protol.: Costa Rica: Limoñ4: Siquirres, in and around rain forest behind the Colegio, in dense shade and on forest margins, ca. 100 m, 8 Jan 1969, *Pohl & Davidse 11646* [HT: ISC; IT: US ]. T-Specim.: 1 of 1. Costa Rica: Limón: behind the Colegio at Siquirres, 70 m, 10.06N 83.30W, 8 Jan 1969, *R.W. Pohl & G. Davidse 11646* [HT: ISC; IT: CR-50766, US].
DST.: CoRi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Hollowell (1994); Pohl (1980).

*Pariana pulcherrima* Tutin, J. Linn. Soc., Bot. 50(334): 359, t. 10, f. 25. 1936. T-Protol.: British Guiana: Potaro River, near the landing at Kangaruma in a damp shady place on clay soil by the river, 19 Aug 1993, *Tutin 466* [HT: BM ]. T-Specim.: 1 of 1. Guyana: Potaro River, 18 Aug 1933, *T.G. Tutin 466* [HT: BM; IT: US-1760638].
NOTE: may be a good species according to E.J. Judziewicz
= **Pariana gleasonii** Hitchc.

**Pariana radiciflora** Sagot ex Döll, Fl. Bras. 2(2): 336. 1877. T-Protol.: In Guina gallica ad Karouany reperta, *Sagot 701*. T-Specim.: 1 of 2. French Guiana: Cayenne, *Sagot 701* [LT: P; IT: BM, K, US-2946999(fragm.), US-1127070, US-2877977(fragm.), US-2877978], LT designated (as type) by Tutin, J. Linn. Soc., Bot. 50(334): 352 (1936). 2 of 2. Peru: silvis uliginosis lecti, *Lechler 2219a* [ST].
DST.: Boli, Braz, Colo, Ecua, FrGu, Guya, Pana, Peru, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Renner, Balslev & Holm-Nielsen (1990); Steyermark et al. (1995); Tovar (1993); Tutin (1936).

*Pariana scabra* Nees, Fl. Bras. Enum. Pl. 2: 294. 1829. T-Protol.: Brasilia: Habitat in sylvis ad Japura fluvium provinciae Fluminis Nigri, *Martius s.n.* T-Specim.: 1 of 1. Brazil: Rio Japura, *K.F.P. von Martius s.n.* [HT: M(fragm., US-287797)].
NOTE: a good species according to E.J. Judziewicz
= **Pariana campestris** Aubl.

**Pariana setosa** Swallen, Contr. U.S. Natl. Herb. 29(6): 273. 1949 [Feb 18]. T-Protol.: Colombia: Putumayo: selva

higrofila en la Quebrada del Río Afan, Mocoa, 570-680 m, 27 Dec 1940, *Cuatrecasas 11323* [HT: US ]. T-Specim.: 1 of 1. Colombia: Putumayo, 27 Dec 1940, *J. Cuatrecasas 11323* [HT: US-1798754].
DST.: Colo, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Swallen (1948); Tovar (1986); Tovar (1993).

*Pariana silvestris* Nees, Fl. Brasil 2(2): 334. 1877.
NOTE: orth. var. of *Pariana sylvestris* Nees
= **Pariana campestris** Aubl.

**Pariana simulans** Tutin, J. Linn. Soc., Bot. 50(334): 357, t. 10, f. 22. 1936. T-Protol.: Panama: Colón: Loma de la Gloria, in forests, alt. 10-104 m, Aug 1911, *H. Pittier 4075* [HT: US; IT: US ]. T-Specim.: 1 of 1. Panama: Colón, Aug 1911, *H. Pittier 4075* [HT: US-679171; IT: US-1021389].
DST.: Braz, Colo, Ecua, Pana, Peru, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Hollowell (1994).

**Pariana sociata** Swallen, J. Wash. Acad. Sci. 30(2): 76, f. 6. 1940. T-Protol.: Brazil: Maranhão: in open sandy forest between Caxias and Barra do Corda, 18 -26 Feb 1934, *Swallen 3599* [HT: US-1613672 ]. T-Specim.: 1 of 1. Brazil: Maranhão, 18 Feb 1934 to 26 Feb 1934, *J.R. Swallen 3599* [HT: US-1613672].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Tovar (1993).

**Pariana stenolemma** Tutin, J. Linn. Soc., Bot. 50(334): 350, f. 14. 1936. T-Protol.: Peru: Loreto: Mishuyacu, near Iquitos, 100 m, forest, Feb.-Mar. 1930, herb, flowers yellow, Feb-Mar 1930, *G. King [error for Klug] 956* [HT: US; IT: NY]. T-Specim.: 1 of 1. Peru: Loreto, Feb 1930 to Mar 1930, *G. Klug 956* [HT: US-1455941].
DST.: Braz, Colo, Pana, Peru, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Hollowell (1994); Tovar (1993).

**Pariana strigosa** Swallen, Ann. Missouri Bot. Gard. 30(2): 257. 1943. T-Protol.: Panama: Panamá: Río Indio, in forest along small unnamed quebrada entering lake at 70 m level, 70-80 m, *Dodge & Allen 17301* [HT: US; IT: GH, MO ]. T-Specim.: 1 of 1. Panama: Panamá, Río Indio, 5 Jan 1935, *C.W. Dodge & P.H. Allen 17301* [HT: US-1647098].
DST.: Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Hollowell (1994).

**Pariana swallenii** R.C. Foster, Rhodora 68(774): 239. 1966. T-Protol.: Bolivia: Cochabamba: Chapare: Puerto Polonia, Río Coni, 14 km E of San Antonio, 395 m, Oct, *Cárdenas & Cutler 7358* [HT: GH]. T-Specim.: 1 of 1. Bolivia: Cochabamba, *Cárdenas & Cutler 7538* [HT: GH].
DST.: Boli.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Renvoize (1998).

*Pariana sylvestris* Nees, Fl. Bras. Enum. Pl. 2: 295. 1829. T-Protol.: Brasilia: in sylvis primaevis udis prope Para prov. Paraensisi, atque inter Cachias et Maragnanum, prov. Maragnaniensis. T-Specim.: 1 of 2. Brazil: habitat in sylvis primaevis udis prope Para provinciae Paraensis, Apr, *Martius s.n.* [ST: M, US-2587797]. 2 of 2. Brazil: habitat inter Cachias et Maragnanum, provinciae Maragnaniensis, Jun, *Martius s.n.* [ST: M].
NOTE: a good species according to E.J. Judziewicz
= **Pariana campestris** Aubl.

**Pariana tenuis** Tutin, J. Linn. Soc., Bot. 50(334): 348, f. 12. 1936. T-Protol.: Colombia or Brazil: in fluviis Uaupes inundatis, *Spruce 2919* [HT: K ].
DST.: Braz, Colo, Pana, Peru.
LVL. ACCPTC.: 1.

**Pariana trichosticha** Tutin, J. Linn. Soc., Bot. 50(334): 356, t. 9, f. 20. 1936. T-Protol.: Peru: Loreto: Mishuyacu, near Iquitos, 100 m, forest, flowers yellow, Oct-Nov 1929, *G. Klug 209* [HT: US; IT: NY]. T-Specim.: 1 of 1. Peru: Loreto, Oct 1929 to Nov 1929, *G. Klug 209* [HT: US-1455210].
DST.: Braz, Colo, Pana, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Hollowell (1994); Tovar (1993).

**Pariana ulei** Pilg., Notizbl. Bot. Gart. Berlin-Dahlem 6(54): 112. 1914. T-Protol.: Brasil: Juraua, Bom Fim, auf freieren Stellen im Walde: Oct 1900, *Ule 5307*. T-Specim.: 1 of 1. Brazil: Amazonas: Rio Jurua, Oct 1900, *E. Ule 5307* [HT: B; IT: K(fragm., US-2877974)].
DST.: Braz, Colo.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Renvoize (1998); Tutin (1936).

**Pariana velutina** Swallen, J. Wash. Acad. Sci. 30(2): 78, f. 8. 1940. T-Protol.: Peru: Loreto: Gamitanacocha, Rio Mazan, 100-125 m, Feb.-Mar. 1935, inflorescence yellow, rising ground in groups, *Schunke 164* [HT: US-1458908; IT: F ]. T-Specim.: 1 of 1. Peru: Loreto, 4 Feb 1935, *J.M. Schunke 164* [HT: US-1458908; IT: US-2209350, IT: F].
DST.: Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Tovar (1993).

**Pariana violascens** Swallen, Mem. New York Bot. Gard. 9(3): 267. 1957. T-Protol.: Venezuela: Amazonas: Río Cuao, Danta Falls, moist woodland trail, frequent perennial, 19 Nov. 1948, *B. Maguire & L. Politi 27327* [HT: US-2040165]. T-Specim.: 1 of 1. Venezuela: Amazonas: Río Cuao, 19 Nov 1948, *B. Maguire & L. Politi 27327* [HT: US-2040165].
NOTE: may be synonymous with *P. simulans*
DST.: Vene.

LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Swallen, Sohns & Black (1957).

**Pariana vulgaris** Tutin, J. Linn. Soc., Bot. 50(334): 353, f. 17. 1936. T-Protol.: British Guiana: near a branch of Waiapi Creek, Cuyuni River, *Tutin 38* [HT: BM ]. T-Specim.: 1 of 1. Guyana: Cuyuni River, 6 May 1933 or 5 Jun 1933, *T.G. Tutin 38* [HT: BM; IT: US-1760644].
NOTE: may be synonymous with *P. radiciflora*
DST.: Braz, Guya, Peru, Suri.
LVL. ACCPTC.: 2.
SYN.: *Pariana paraensis* Huber ex Tutin.

**Pariana zingiberina** Rich. ex Döll, Fl. Bras. 2(2): 337. 1877. T-Specim.: 1 of 3. Brazil: Pará: habitat in sylvis ad Cunumá, *Martius s.n.* [ST: M]. 2 of 3. French Guiana: in uliginosis umbrosis silvaticis Guianae gallica, *L. C. Richard s.n.* [ST]. 3 of 3. French Guiana, *Yelski s.n.* [ST].
NOTE: may be synonymous with *P. radiciflora*
DST.: Boli, Braz, FrGu, Guya, Peru, Vene.
LVL. ACCPTC.: 2.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Foster (1958); Hitchcock (1927); Macbride (1936); Tutin (1936).
SYN.: *Pariana amomizans* Rich.; *Pariana angustifolia* Rich.

*Parianeae* trib. C.E. Hubb., Fam. Fl. Pl., Monocot. 2: 219. 1934. TYPE: *Pariana* Aubl.
NOTE: English, ref. to subtrib. of Hack.
= **Olyreae** trib. Spenn.

**Parianinae** subtrib. Hack., Nat. Pflanzenfam. 2(2): 88. 1887. TYPE: *Pariana* Aubl.
TRTD. BY: The authors.
NHT: Olyreae.

*Parianoideae* subfam. (Nakai) Butzin, Neue Untersuch. Blüte Gram. 148. 1965. Basionym: *Parianaceae* fam. Nakai
NOTE: Latin descr. provided by Nakai
= **Bambusoideae** subfam. Luerss.

**Parodiolyra** Soderstr. & Zuloaga, Smithsonian Contr. Bot. 69: 64. 1989. TYPE: *Parodiolyra ramosissima* (Trin.) Soderstr. & Zuloaga
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 3
CNSLTD LIT.: Soderstrom & Zuloaga (1989).

**Parodiolyra lateralis** (J. Presl ex Nees) Soderstr. & Zuloaga, Smithsonian Contr. Bot. 69: 66. 1989. Basionym: *Panicum laterale* J. Presl ex Nees
DST.: Boli, Braz, Colo, CoRi, Ecua, Guya, Pana, Peru, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Brako & Zarucchi (1993); Davidse, Sousa & Chater (1994); Filgueiras (ined.); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Renvoize (1998); Steyermark et al. (1995); Tovar (1993); Zuloaga & Judziewicz (1991).
SYN.: *Olyra lateralis* (J. Presl ex Nees) Chase; *Olyra sarmentosa* Döll; *Panicum laterale* J. Presl; *Panicum laterale* J. Presl ex Nees; *Raddiella truncata* Swallen.

**Parodiolyra luetzelburgii** (Pilg.) Soderstr. & Zuloaga, Smithsonian Contr. Bot. 69: 70. 1989. Basionym: *Olyra luetzelburgii* Pilg.
DST.: Braz, FrGu, Guya, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (ined.); Judziewicz (1991a); Steyermark et al. (1995).
SYN.: *Olyra luetzelburgii* Pilg.

**Parodiolyra ramosissima** (Trin.) Soderstr. & Zuloaga, Smithsonian Contr. Bot. 69: 73. 1989. Basionym: *Olyra ramosissima* Trin.
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Olyra blanchetii* Mez; *Olyra ramosissima* Trin.

*Paspalum cubense* Spreng., Neue Entdeck. Pflanzenk. 3: 12. 1822.
= **Leersia monandra** Sw.

*Patellocalamus* W.T. Lin, J. S. China Agric. Univ. 10(2): 45. 1989. TYPE: *Patellocalamus patellaris* (Gamble) W.T. Lin
= **Dendrocalamus** Nees

**Phareae** trib. Stapf, Fl. Cap. 7: 319. 1898. TYPE: *Pharus* P. Browne
NOTE: incorrect as proposed as it included *Olyra*, the type of Olyreae, but correct if types of earlier legitimate taxa of the same rank are excluded
TRTD. BY: The authors.
NHT: Pharoideae.
SYN.: subfam. *Pharoideae* Beetle.

*Pharinae* subtrib. Prod., Bot. Arch. 1: 212. 1922.
= **Phareae trib.** Stapf

*Pharoideae* subfam. Beetle, Bull. Torrey Bot. Club 82: 197. 1955. TYPE: *Pharus* P. Browne
NOTE: without Latin description
= **Pharoideae** subfam. L.G. Clark & Judz.

**Pharoideae** subfam. L.G. Clark & Judz., Taxon 45(4): 643. 1996. TYPE: *Pharus* P. Browne
TRTD. BY: The authors.

**Pharus** P. Browne, Civ. Nat. Hist. Jamaica 344, t. 38, f. 3. 1756. TYPE: *Pharus latifolius* L.
TRTD. BY: Judziewicz.
NHT: Phareae. SPP.: 7
CNSLTD LIT.: Judziewicz (1985); Judziewicz (1987); Judziewicz (1991b).

*Pharus angustifolius* (Nees) Döll, Fl. Bras. 2(2): 23. 1871.
Basionym: *Pharus brasiliensis* var. *angustifolius* Nees
= **Pharus lappulaceus** Aubl.

*Pharus brasiliensis* Raddi, Agrostogr. Bras. 21. 1823. T-Protol.: Brazil, *Raddi s.n.*
= **Pharus lappulaceus** Aubl.

*Pharus brasiliensis* var. *angustifolius* Nees, Fl. Bras. Enum. Pl. 2: 302. 1829. T-Protol.: Brasilia, *Sellow s.n.* [HT: B-W ].
= **Pharus lappulaceus** Aubl.

*Pharus brasiliensis* Raddi var. *brasiliensis*
= **Pharus lappulaceus** Aubl.

*Pharus brasiliensis* var. *latifolius* Nees, Fl. Bras. Enum. Pl. 2: 302. 1829.
NOTE: nom. illeg. superfl.
CORRECT NAME: *Pharus brasiliensis* var. *brasiliensis*
= **Pharus lappulaceus** Aubl.

*Pharus brasiliensis* var. *mexicana* Rupr., Bull. Acad. Roy. Sci. Bruxelles 9(2): 246. 1842.
NOTE: nom. nud.; in Fourn., Mex. Pl. 2: 3 (1886), nom. inval., as syn. *Pharus glaber* Kunth
= **Pharus lappulaceus** Aubl.

*Pharus ciliatus* Retz., Observ. Bot. 5: 23. 1789.
= **Leersia hexandra** Sw.

*Pharus cornutus* Hack., Oesterr. Bot. Z. 52: 9. 1902. T-Protol.: Costa Rica: in silvis prope Tsaki (Talamanca), *Tonduz 9552*. T-Specim.: 1 of 1. Costa Rica:Alajuela: Talamanca, Tsakii, 9.29N 82.58W, 200 m, Apr 1895, *A. Tonduz 9552* [HT: W; IT: CR-9552, US-824602].
= **Pharus vittatus** Lem.

**Pharus ecuadoricus** Judz., Nordic J. Bot. 11(1): 89, f. 1. 1991. T-Protol.: Ecuador: Pichincha: 20 km W of Santo Domingo de los Colorados, path, steamsides, 300 m, 11 Jan 1961, *Cazalet & Pennington 5238* [HT: US; IT: A, K, NY, US ]. T-Specim.: 1 of 1. Ecuador: Pichincha: 300 m, 11 Jan 1961, *Cazalet & Pennington 5238* [HT: US-2382986; IT: A, K, NY, US], .
DST.: Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

*Pharus glaber* Kunth, Nov. Gen. Sp. 1: 196. 1816. T-Protol.: Crescit in temperatis, opacatis Prov. Novae Andalusiae, prope caenobium Caripense, alt. 430 hexap. Floret Septembri, *Humboldt & Bonpland s.n.* [HT: P ]. T-Specim.: 1 of 1. Venezuela, *Humboldt & Bonpland s.n.* [HT: P].
= **Pharus lappulaceus** Aubl.

*Pharus glaber* Kunth var. *glaber*
= **Pharus lappulaceus** Aubl.

*Pharus glaber* var. *parvifolius* Döll, Fl. Bras. 2(2): 22. 1871.
NOTE: nom. inval., name not definitely accepted by the author
= **Pharus lappulaceus** Aubl.

*Pharus glaber* var. *pubescens* Döll, Fl. Bras. 2(2): 22. 1871. T-Protol.: Brazil, 3 syntypes cited. T-Specim.: 1 of 3. Brazil: Minas Gerais, Prope Lagoa Santa, *Warming* [ST: C (US frag.). IST: W?], LT: Judz., proposed in dissertation, 263. 1987. 2 of 3. Brazil: Rio de Janeiro: is saltibus montosis prope., *Raddi* [ST]. 3 of 3. Brazil: in fluminis cujusdam Brasiliae meridionalis, *Nees?* [ST: hb. Nees].
= **Pharus lappulaceus** Aubl.

*Pharus glochidiatus* J. Presl, Reliq. Haenk. 1(4-5): 345. 1830. T-Protol.: Hab. in Peruvia, *Haenke s.n.*
= **Pharus latifolius** L.

*Pharus guianensis* [UNRANKED]. *albostriata* Anonymous, Gard. Chron., ser. 3, 26: 183-184. 1899. T-Protol.: Cult.: illustration.
= **Pharus vittatus** Lem.

*Pharus kunthii* Klotzsch ex Döll, Fl. Bras. Enum. Pl. 2(2): 22. 1871.
NOTE: nom. inval., not definitely accepted by the author.
= **Pharus lappulaceus** Aubl.

*Pharus lancifolius* Ham., Prodr. Pl. Ind. Occid. 8. 1825. T-Protol.: Antilles, *HT: Herb. Prof. Desvaux*, cites P. lancifolius Herb. Prof. Desv. P. latifolius Lam. Ill. t. 769 ? Antilles (S. v.).
= **Pharus lappulaceus** Aubl.

**Pharus lappulaceus** Aubl., Hist. Pl. Guiane 2: 859. 1775. T-Specim.: 1 of 1. *Plumier manuscript, t. 5, f. 85* [HT: P(tracing, WISC)].
DST.: Arge, Boli, Braz, Cari, Colo, CoRi, Ecua, ElSa, FrGu, Guya, Hond, Mexi, Pana, Para, Peru, Suri, USA, Urug, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Berendsohn & Araniva de González (1991); Brako & Zarucchi (1993); Breedlove (1986); Davidse, Sousa & Chater (1994); Filgueiras (1991); Filgueiras (ined.); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Judziewicz (1994); Killeen (1990); Renvoize (1984); Renvoize (1988); Renvoize (1998); Steyermark et al. (1995); Tovar (1993); Zuloaga et al. (1994).
SYN.: *Pharus angustifolius* (Nees) Döll; *Pharus brasiliensis* Raddi; *Pharus brasiliensis* var. *angustifolius* Nees; *Pharus brasiliensis* var. *brasiliensis*; *Pharus brasiliensis* var. *latifolius* Nees; *Pharus brasiliensis* var. *mexicana* Rupr.; *Pharus glaber* Kunth; *Pharus glaber* var. *glaber*; *Pharus glaber* var. *parvifolius* Döll; *Pharus glaber* var. *pubescens* Döll; *Pharus kunthii* Klotzsch ex Döll; *Pharus lancifolius* Ham.; *Pharus latifolius* var. *parvifolius* Prod.; *Pharus micranthus* Schrad. ex Nees; *Pharus micranthus* var. *concolor* Döll; *Pharus micranthus* var. *discolor* Döll; *Pharus micranthus* var. *micranthus*; *Pharus pubescens* Spreng.

**Pharus latifolius** L., Syst. Nat. (ed. 10) 2: 1269. 1759. T-Specim.: 1 of 1. Jamaica, *P. Browne s.n.* [LT: LINN-1120.1], LT designated by Hitchcock, Contr. U.S. Natl. Herb. 12: 125 (1908).
DST.: Beli, Boli, Braz, Cari, Colo, CoRi, Ecua, FrGu, Guat, Guya, Hond, Mexi, Nica, Pana, Peru, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Adams (1972); Beetle (1977); Brako & Zarucchi (1993); Breedlove (1986); Davidse, Sousa & Chater (1994); Dodson, Gentry & Valverde (1985); Foster (1958); Gould (1979); Hitchcock (1927); Hitchcock (1936); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Judziewicz (1994); Liogier & Martorell (1982); Macbride (1936); McClure (1955); Molina R. (1975); Pohl (1980); Renner, Balslev & Holm-Nielsen (1990); Renvoize (1984); Renvoize (1988); Renvoize (1998); Steyermark et al. (1995); Tovar (1993).
SYN.: *Pharus glochidiatus* J. Presl; *Pharus latifolius* var. *elegantissimus* Raspail; *Pharus latifolius* var. *latifolius*; *Pharus ovalifolius* Ham.; *Pharus scaber* Kunth; *Pharus scaber* var. *scaber*.

*Pharus latifolius* var. *angustifolius* (Nees) Prod., Bot. Arch. 1: 250. 1922. Basionym: *Pharus brasiliensis* var. *angustifolius* Nees
NOTE: *Pharus parvifolius* Nash ex Hitchc. probably erroneously cited in synonymy–G. Davidse
= **Pharus parvifolius** Nash

*Pharus latifolius* var. *elegantissimus* Raspail, Ann. Sci. Nat. (Paris) 5: 305, 459, t. 9, f. 4. 1825. T-Protol.: [herb. Delessert], illustration.
= **Pharus latifolius** L.

*Pharus latifolius* L. var. *latifolius*
= **Pharus latifolius** L.

*Pharus latifolius* var. *parvifolius* Prod., Bot. Arch. 1: 250. 1922. T-Protol.: Brasilien: Rio de Janeiro, *Sello 16*.
NOTE: cites *Pharus glaber* var. *parvifolius* Döll, nom. inval.
= **Pharus lappulaceus** Aubl.

*Pharus longifolius* Swallen, Ann. Missouri Bot. Gard. 30(2): 163. 1943. T-Protol.: Panama: Panama: Matias Hernández, in shady woods, 1-15 Jan 1915, *Pittier 6941* [HT: US ]. T-Specim.: 1 of 1. Panama: Panama, 01 Jan 1915 to 15 Jan 1915, *H. Pittier 6941* [HT: US-717002].
= **Pharus mezii** Prod.

**Pharus mezii** Prod., Bot. Arch. 1: 250. 1922. T-Protol.: Costa Rica, *Biolley (Costar. Inst. Herb.) 17326*. T-Specim.: 1 of 1. Costa Rica: Puntarenas: Surubres, 200 m, 9.57N 84.34W, Feb 1909, *P. Biolley 17326* [HT: B; IT: CR-17326, US-979214].
DST.: Colo, CoRi, Ecua, Guat, Mexi, Pana, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Breedlove (1986); Davidse, Sousa & Chater (1994); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1994); McVaugh (1983); Pohl (1980); Steyermark et al. (1995).
SYN.: *Pharus longifolius* Swallen.

*Pharus micranthus* Schrad. ex Nees, Fl. Bras. Enum. Pl. 2: 302. 1829. T-Protol.: Brazil, *Maximillian s.n.* T-Specim.: 1 of 2. ., *Herb. Schrader 108: 123* [T: LE]. 2 of 2. Brazil, no date, *Prince Neowiedensis HERB NO. 2588* [IT: US-1645163].
= **Pharus lappulaceus** Aubl.

*Pharus micranthus* var. *concolor* Döll, Fl. Bras. 2(2): 24. 1871.
= **Pharus lappulaceus** Aubl.

*Pharus micranthus* var. *discolor* Döll, Fl. Bras. 2(2): 24. 1871. T-Protol.: Brazil: Bahia: in sylvis ad viam Felisbertiam: Jan, same type as species.
NOTE: nom. illeg. superfl.
CORRECT NAME: *Pharus micranthus* var. *micranthus*
= **Pharus lappulaceus** Aubl.

*Pharus micranthus* Schrad. ex Nees var. *micranthus*
= **Pharus lappulaceus** Aubl.

*Pharus ovalifolius* Ham., Prodr. Pl. Ind. Occid. 8. 1825. T-Protol.: Antilles, *Herb. Prof. Desvaux* [hb. Desv. ], cites "*P. ovalifolius* hb. Prof. Desv.".
= **Pharus latifolius** L.

**Pharus parvifolius** Nash, Bull. Torrey Bot. Club 35(6): 301. 1908. T-Protol.: Haiti: in deep shade in a ravine called Les Roches, a few mi W of Plaisance, 11 Aug 1905, ca. 540 m. alt., *Nash & Taylor 1482* [HT: NY ].
DST.: Beli, Boli, Braz, Cari, CoRi, Ecua, FrGu, Guat, Guya, Hond, Mexi, Nica, Pana, Peru, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Adams (1972); Beetle (1977); Breedlove (1986); Cowan (1983); Davidse, Sousa & Chater (1994); Foster (1958); Hitchcock (1927); Hitchcock (1936); Hitchcock (1951); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Judziewicz (1994); Liogier & Martorell (1982); Macbride (1936); McClure (1955); Molina R. (1975); Pohl (1980); Renner, Balslev & Holm-Nielsen (1990); Renvoize (1984); Small (1933); Steyermark et al. (1995); Tovar (1993).

**Pharus parvifolius** subsp. **elongatus** Judz., Ann. Missouri Bot. Gard. 72(4): 874. 1985. T-Protol.: Costa Rica: Cartago: Los Espaveles Nature Trail into forested canyon of the Rio Reventazon. 9.54N 83.39W, 550-600 m, 9 May 1983, *Liesner, Judziewicz & Perez 15281* [HT: CR; IT: BAF, BM, CEPEC, COL, CR, CTES, DUKE, F, IBUG, INPA, ISC, LE, LPB, MEXU, MO, MVFA, NY, P, PMA, RB, SP, US, VEN, WIS, XAL ]. T-Specim.: 1 of 1. Costa Rica: Cartago: CATIE, 3 km E of Turrialba, Los Espaveles, 550-600 m, 9.54N 83.39W, 09 May 1983, *R.L. Liesner, E. Judziewicz & B. Perez 15281* [HT: CR-108605; IT: CR-109361, US-3010927, US-3010928].
DST.: Beli, Boli, Braz, Cari, CoRi, Ecua, Guat, Hond, Mexi, Nica, Pana, Peru, Suri.

LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Jørgensen & León-Yánez (1999); Judziewicz (1994).

**Pharus parvifolius** Nash subsp. **parvifolius**
DST.: Beli, Braz, Cari, Ecua, FrGu, Guya, Nica, Pana, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Jørgensen & León-Yánez (1999); Judziewicz (1991a); Judziewicz (1994); Renner, Balslev & Holm-Nielsen (1990); Steyermark et al. (1995).

*Pharus pubescens* Spreng., Neue Entdeck. Pflanzenk. 1: 241, t. 1, f. 1-4. 1820. T-Protol.: Brazil.
= **Pharus lappulaceus** Aubl.

*Pharus scaber* Kunth, Nov. Gen. Sp. 1: 196. 1816. T-Protol.: Colombia: Crescit in alta planitie Bogotensi, inter urbem Sanctae Fidei et cataractam Tequendamae, alt. 1365 hexap., floret Augusto, *Humboldt & Bonpland s.n.* [HT: P ].
= **Pharus latifolius** L.

*Pharus scaber var. pictus* Döll, Fl. Bras. 2(2): 21. 1871.
DST.: Suri.
LVL. ACCPTC.: 3.

**Pharus virescens** Döll, Fl. Bras. 2(2): 21. 1871. T-Protol.: Brasilia, *Luschnath s.n.* T-Specim.: 1 of 1. Brazil, *Luschnath 39* [HT: ?; IT: W].
DST.: Braz, Cari, Colo, CoRi, Ecua, FrGu, Guat, Guya, Pana, Peru, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Judziewicz (1994); McClure (1955); Pohl (1980); Renner, Balslev & Holm-Nielsen (1990); Renvoize (1984); Steyermark et al. (1995); Tovar (1993).

**Pharus vittatus** Lem., Fl. Serres Jard. Eur. 3: t. 265, misc. 50. 1847. T-Protol.: Introduit Venezuela. T-Specim.: 1 of 1. *Fl. Serres Jard. Eur. 4: t. 316 (1848)* [T].
NOTE: text not numbered, sp. descr. under miscl. following plate 265
DST.: Beli, Colo, CoRi, Guat, Hond, Nica, Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994); Judziewicz (1994).
SYN.: *Pharus cornutus* Hack.; *Pharus guianensis* [UNRANKED]. *albostriata* Anonymous.

## **Phyllostachys** Siebold & Zucc., Abh. Math.-Phys. Cl. Konigl. Bayer. Akad. Wiss. 3(3): 745. 1843. TYPE: *Phyllostachys bambusoides* Siebold & Zucc.

NOTE: nom. cons.
TRTD. BY: Soreng, R. J.
NHT: Shibataeinae. SPP.: 24
CNSLTD LIT.: McClure (1957); Young & Haun (1961); Geng & Wang (1996).
SYN.: *Sinoarundinaria* Ohwi.

*Phyllostachys altiligulata* G.G. Tang & Y.L. Xu, 1985(4): 18, f. 2. 1985.
= **Phyllostachys viridi-glaucescens** Rivière & C. Rivière

**Phyllostachys angusta** McClure, J. Wash. Acad. Sci. 35(9): 278, f. 1. 1945. T-Protol.: USA: Georgia: collected May 30-August 3, 1942, at the Barbour Lathrop Plant Introduction Garden near Savannah, from permanent plot no. 11 (section C). This bamboo was originally introduced into this country from China by Frank N. Meyer., *McClure 21023* [HT: US ].
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: McClure (1957); Zarucchi, Funston, et alii. (ined.).

**Phyllostachys arcana** McClure, J. Wash. Acad. Sci. 35(9): 280, f. 1. 1945. T-Protol.: USA: Georgia: Callected April 29, 1941, at the Barbour Lathrop Plant Introduction Garden near Savannah, from permanent plot 32[/2] (section C). This bamboo was originally introduced into this country from China in 1926 by the writer while acting as agricultural explorer for the U.S. Department of Agriculture., *McClure 20980* [HT: US ].
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: McClure (1957); Zarucchi, Funston, et alii. (ined.).

**Phyllostachys aurea** Rivière & C. Rivière, Bull. Soc. Natl. Acclim. France 5: 716, f. 36, 37. 1878. T-Protol.: Jardin du Hamma. T-Specim.: 1 of 1. Africa: Tunis: Cultivated in "Jardim du Hamma", *Anon. s.n.* [T: P].
DST.: Arge, Braz, Chil, Colo, CoRi, Ecua, ElSa, Guat, Mexi, Peru, USA, Urug.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Anonymous (1986); Beetle (1977); Berendsohn & Araniva de González (1991); Borowski & Holmes (1996); Burkart (1969); Davidse, Sousa & Chater (1994); Dransfield & Widjaja (1995); Fabris (1970); Filgueiras (1991); Hitchcock (1951); Jørgensen & León-Yánez (1999); McClure (1955); McClure (1957); Molina R. (1975); Pohl (1980); Radford, Ahles & Bell (1968); Renvoize (1998); Rosengurtt, Arrillaga de Maffei & Izaguirre de Artuco (1970); Smith, Wasshausen & Klein (1981); Tovar (1993); Wunderlin (1998); Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa aurea* hort. ex Rivière & C. Rivière; *Phyllostachys bambusoides* var. *aurea* (Rivière & C. Rivière) Makino; *Phyllostachys meyeri* var. *aurea* (Rivière & C. Rivière) Pilip.

**Phyllostachys aureosulcata** McClure, J. Wash. Acad. Sci. 35(9): 282, f. 3. 1945. T-Protol.: USA: Georgia: collected April 29, 1941, at the Barbour Lathrop Plant Introduction Garden near Savannah, from permanent plot no. 31 (section C). This bamboo was originally introduced into the United States from China by Frank N. Meyer in 1908., *McClure 20971* [HT: US ].
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.

ALSO ACCPTD BY: McClure (1957); Zarucchi, Funston, et alii. (ined.).

**Phyllostachys bambusoides** Siebold & Zucc., Abh. Math.-Phys. Cl. Konigl. Bayer. Akad. Wiss. 3(3): 746, t. 5, f. 3. 1843. T-Specim.: 1 of 1. Japan, *P.F. von Siebold s.n.* [T: US-2876340(fragm. ex L)].
DST.: Braz, Cari, Ecua, Guat, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Hitchcock (1951); Jørgensen & León-Yánez (1999); McClure (1955); McClure (1957); Molina R. (1975); Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa castilloni* Marliac ex Carrière; *Phyllostachys bambusoides* fo. *castillonis* (Marliac ex Carrière) T.P. Yi; *Phyllostachys bambusoides* var. *castilloni-holochrysa* (Pfitzer) J. Houz.; *Phyllostachys castillonis* (Marliac ex Carrière) Mitford; *Phyllostachys castillonis* var. *holochrysa* Pfitzer; *Phyllostachys marliacea* Mitford; *Phyllostachys nigra* var. *castillonis* (Marliac ex Carrière) Bean; *Phyllostachys quilioi* var. *castillonis-holochrysa* Regel ex J. Houz.; *Phyllostachys quilioi* var. *castillonis* (Marliac ex Carrière) J. Houz.; *Phyllostachys reticulata* fo. *genticulata* Nakai; *Phyllostachys reticulata* var. *castillonis* (Marliac ex Carrière) Makino; *Phyllostachys reticulata* var. *holochrysa* (Pfitzer) Nakai.

*Phyllostachys bambusoides* var. *aurea* (Rivière & C. Rivière) Makino, Bot. Mag. (Tokyo) 11(122): 158. 1897. Basionym: *Phyllostachys aurea* Rivière & C. Rivière
= **Phyllostachys aurea** Rivière & C. Rivière

*Phyllostachys bambusoides* var. *castilloni-holochrysa* (Pfitzer) J. Houz., Actes 2: 228. 1912. Basionym: *Phyllostachys castillonis* var. *holochrysa* Pfitzer
= **Phyllostachys bambusoides** Siebold & Zucc.

*Phyllostachys bambusoides* fo. *castillonis* (Marliac ex Carrière) T.P. Yi, J. Bamboo Res. 12(4): 47. 1993. Basionym: *Bambusa castilloni* Marliac ex Carrière
= **Phyllostachys bambusoides** Siebold & Zucc.

**Phyllostachys bissetii** McClure, J. Arnold Arbor. 37(2): 180, f. 1. 1956. T-Protol.: USA: Georgia: Collected April 22, 1955 at the U.S. Barbour Lathrop Plant Introduction Garden where the plant is cultivated under P.I. 143540. Propagating material of this bamboo, from plants under cultivation at Chengtu, Szechwan province, China, was secured by John Tee-Van and brought to this country late in 1941 for the Plant introduction Section of the U.S. Department of Agriculture., *McClure 21801* [US-2177861-2(2 sheets) ]. T-Specim.: 1 of 1. U.S. Barbour Lathrop Plant Introd. Garden cult., 22 Apr 1955, *F.A.McClure 21801* [HT].
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: McClure (1957); Zarucchi, Funston, et alii. (ined.).

*Phyllostachys boryana* Mitford, Bamb. Gard. 47: 3. 1895.
= **Phyllostachys nigra** (Lodd. ex Lindl.) Munro

*Phyllostachys castillonis* (Marliac ex Carrière) Mitford, Bamb. Gard. 47: 3. 1895. Basionym: *Bambusa castilloni* Marliac ex Carrière
= **Phyllostachys bambusoides** Siebold & Zucc.

*Phyllostachys castillonis* var. *holochrysa* Pfitzer, Mitt. Deutsch. Dendrol. Ges. 14: 60. 1905.
= **Phyllostachys bambusoides** Siebold & Zucc.

*Phyllostachys congesta* Rendle, J. Linn. Soc., Bot. 36(254): 438-439. 1904. T-Specim.: 1 of 4. China: Hupeh: Patung, *A.Henry 4828* [ST]. 2 of 4. China: Changyang, *A.Henry 6238* [ST]. 3 of 4. China: Ichang, *A.Henry 1698* [ST]. 4 of 4. China: West Hupeh, *Wilson 230A* [ST].
= **Phyllostachys heteroclada** Oliv.

*Phyllostachys decora* McClure, J. Arnold Arbor. 37(2): 182, f. 2. 1956. T-Protol.: USA: Georgia: Collected April 16, 1953, from a colony cultivated under P.I. 128789 at the U.S. Barbour Lathrop Plant Introduction Garden. Plants of this bamboo from the Hoi Wai Monastery, Lung Chi Mt., near I-Ming, Kiangsu province, China, were sent by the writer to the US. Department of Agriculture in 1938., *F.A. McClure 21757* [HT: US-2177856-8(3 sheets) ]. T-Specim.: 1 of 1. China: Kwangsi Chuang, no date, *F.A. McClure 21757* [HT: US-2177858, US-2177856, US-2177857].
= **Phyllostachys mannii** Gamble

**Phyllostachys dulcis** McClure, J. Wash. Acad. Sci. 35(10): 285, f. 2. 1945. T-Protol.: USA: Georgia: collected April 29, 1941, at the Barbour Lathrop Plant Introduction Garden near Savannah, from permanent plot no. 70 (section C). It represents an introduction of Frank N. Meyer that Mr McIlhenny had received from the Department some years earlier from the bamboo garden at Avery Island., *McClure 20974* [HT: US ]. T-Specim.: 1 of 1. Barbour Lathrop Plant Introduction Garden near Savamah Ga., 29 Apr 1941, *McClure 20974* [HT].
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: McClure (1957); Zarucchi, Funston, et alii. (ined.).

*Phyllostachys edulis* var. *heterocycla* (Carrière) J. Houz., Bambou (Mons) 1: 40. 1906. Basionym: *Bambusa heterocycla* Carrière
= **Phyllostachys heterocycla** (Carrière) S. Matsum.

*Phyllostachys edulis* var. *heterocycla* (Carrière) Makino, Bot. Mag. (Tokyo) 26: 22. 1912. Basionym: *Bambusa heterocycla* Carrière
NOTE: isonym.
= **Phyllostachys heterocycla** (Carrière) S. Matsum.

**Phyllostachys elegans** McClure, J. Arnold Arbor. 37(2): 183-185, f. 3. 1956. T-Protol.: USA: Georgia:

Collected April 24, 1955, from the colony cultivated under P.I. 128778 at the US Barbour Lathrop Plant Introduction Garden. The type colony of this bamboo was developed from propagating material secured at Ta Ts;it, near Hung Mo Mt., Tan District, Hainan Island, China, sent by the writer to the U.S. Department of Agriculture in 1938., *F.A. McClure 21802* [HT: US-2177863-4(2 sheets) ]. T-Specim.: 1 of 1. China: Kwangtung, 24 Apr 1955, *F.A. McClure 21802* [HT: US-2177863, US-2177864].

DST.: USA.

LVL. ACCPTC.: 1; cultivated, introduced.

ALSO ACCPTD BY: McClure (1957); Zarucchi, Funston, et alii. (ined.).

**Phyllostachys flexuosa** Rivière & C. Rivière, Bull. Soc. Natl. Acclim. France 5: 758. 1878.

REPLACED NAME: **Bambusa flexuosa** Carrière.

BLOCKING NAME: **Bambusa flexuosa** Munro

DST.: USA.

LVL. ACCPTC.: 1; cultivated.

ALSO ACCPTD BY: McClure (1957); Zarucchi, Funston, et alii. (ined.).

SYN.: *Bambusa flexuosa* Carrière; *Bambusa flexuosa* hort. ex Rivière & C. Rivière.

**Phyllostachys glauca** McClure, J. Arnold Arbor. 37(2): 185-186, f. 4. 1956. T-Protol.: USA: Georgia: Collected April 24, 1955 at the U. S. Barbour Lathrop Plant Introduction Garden where the plant is cultivated under P.I. 77011. Rhizomes of this species, from a garden in Nanking, Kiansi province China, were sent to the U.S. Department of Agriculture by the writer in 1926., *F.A. McClure 21803* [HT: US-2177865-6(2 sheets) ]. T-Specim.: 1 of 1. China: Kiangsu, 24 Apr 1955, *F.A. McClure 21803* [HT: US-2177866, US-2177895], Cultivated at U.S. Barbour Lathrop Plant Introduction Garden near Savannah, Georgia.

DST.: USA.

LVL. ACCPTC.: 1; cultivated, introduced.

ALSO ACCPTD BY: McClure (1957); Zarucchi, Funston, et alii. (ined.).

*Phyllostachys henonis* Bean, Gard. Chron., ser. 3, 15: 238. 1894.

NOTE: nom. nud.

= **Phyllostachys nigra** var. **henonis** (Mitford) Stapf ex Rendle

*Phyllostachys henonis* Mitford, Bamb. Gard. 47: 149-151. 1895. T-Specim.: 1 of 1. Japan:, no date, *Coll. Ukn. s.n.* [TYPE MATERIAL: US {00140977}], OS\Bought by freeman-mitford,a.b.

= **Phyllostachys nigra** (Lodd. ex Lindl.) Munro

*Phyllostachys henryi* Rendle, J. Linn. Soc., Bot. 36(254): 440-441. 1904. T-Protol.: Hupeh: Nanto, *A.Henry 6338*.

= **Phyllostachys nigra** var. **henonis** (Mitford) Stapf ex Rendle

**Phyllostachys heteroclada** Oliv., Hooker's Icon. Pl. 23(4): t. 2288. 1894. T-Specim.: 1 of 2. China: West Szechuen and the Tibetan frontier, chiefly near Tachienlu, 9000-13500 ft alt., no date, *A.E. Pratt 384* [ST: K, US-2876339]. 2 of 2. China: Szechuen, *A. Henry 8833* [ST: K].

DST.: USA.

LVL. ACCPTC.: 1; cultivated, introduced.

ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).

SYN.: *Phyllostachys congesta* Rendle; *Phyllostachys purpurata* McClure.

*Phyllostachys heterocycla* (Carrière) Mitford, Bamb. Gard. 160 with t. 1896. Basionym: *Bambusa heterocycla* Carrière

NOTE: isonym

E. HOM.: *Phyllostachys heterocycla* (Carrière) S. Matsum.

= **Phyllostachys heterocycla** (Carrière) S. Matsum.

**Phyllostachys heterocycla** (Carrière) S. Matsum., 213. 1895. Basionym: *Bambusa heterocycla* Carrière

DST.: USA.

LVL. ACCPTC.: 1; cultivated, introduced.

SYN.: *Bambusa heterocycla* Carrière; *Bambusa pubescens* Carrière; *Phyllostachys edulis* var. *heterocycla* (Carrière) J. Houz.; *Phyllostachys edulis* var. *heterocycla* (Carrière) Makino; *Phyllostachys heterocycla* (Carrière) Mitford; *Phyllostachys pubescens* (Carrière) Mazel ex J. Houz.; *Phyllostachys pubescens* Mazel ex J. Houz.; *Phyllostachys pubescens* var. *heterocycla* (Carrière) J. Houz.

*Phyllostachys kumasaca* (Zoll. ex Steud.) Munro, Trans. Linn. Soc. London 26(1): 39, 123. 1868. Basionym: *Bambusa kumasaca* Zoll. ex Steud.

= **Shibataea kumasaca** (Zoll. ex Steud.) Makino

**Phyllostachys makinoi** Hayata, Icon. Pl. Formosan. 5: 250-252. 1915. T-Protol.: Hab. in partibus mediis Formosae ubiuq culta.

DST.: USA.

LVL. ACCPTC.: cultivated, introduced.

ALSO ACCPTD BY: McClure (1957); Zarucchi, Funston, et alii. (ined.).

**Phyllostachys mannii** Gamble, Ann. Roy. Bot. Gard. (Calcutta) 7: 28, t. 28. 1896. T-Protol.: Cultivated at Shillong, Kashia Hills and said to have come from the Naga Hills, 1889., *G.Mann*, cultivated.

DST.: USA.

LVL. ACCPTC.: 1; cultivated, introduced.

ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).

SYN.: *Phyllostachys decora* McClure.

*Phyllostachys marliacea* Mitford, Bamb. Gard. 158. 1896.

= **Phyllostachys bambusoides** Siebold & Zucc.

**Phyllostachys meyeri** McClure, J. Wash. Acad. Sci. 35(10): 286, f. 1. 1945. T-Protol.: USA: Georgia: Collected April 29, 1941, at the Barbour Lathrop Plant Introduction Garden, near Savannah, from permanent plot no. 32 (section C). This bamboo was introduced into the United States from China by Frank N.

Meyer., *McClure 20984* [HT: US ], This bamboo was introduced into the United States from China. T-Specim.: 1 of 1. Barbour Lathrop Plant Introduction Garden, near Savannah, Ga., 29 Apr 1941, *McClure 20984* [HT].
DST.: Cari, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: McClure (1957); Zarucchi, Funston, et alii. (ined.).
SYN.: *Phyllostachys viridis* fo. *laqueata* T.H. Wen.

*Phyllostachys meyeri* var. *aurea* (Rivière & C. Rivière) Pilip. Basionym: *Phyllostachys aurea* Rivière & C. Rivière
= **Phyllostachys aurea** Rivière & C. Rivière

*Phyllostachys mitis* var. *sulphurea* (Carrière) H. de Leh., 2: 214, t. 8. 19077. Basionym: *Bambusa sulphurea* Carrière
= **Phyllostachys sulphurea** (Carrière) Rivière & C. Rivière

**Phyllostachys nidularia** Munro, Gard. Chron., n.s., 773, 774. 1876. T-Protol.: Brought over to Italy from Japan in 1868 by the Magenta, the first Italian corvette that made a scientific voyage around the world. T-Specim.: 1 of 1. Cultivated in Italy from material collected in Japan, 1868, *E.O. Fenzi 4* [T: US-2876336].
DST.: Guat, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: McClure (1955); McClure (1957); Molina R. (1975); Zarucchi, Funston, et alii. (ined.).

**Phyllostachys nigra** (Lodd. ex Lindl.) Munro, Trans. Linn. Soc. London 26(1): 38, 123. 1868. Basionym: *Bambusa nigra* Lodd. ex Lindl.
DST.: Arge, Braz, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Burkart (1969); Filgueiras (1991); McClure (1957); Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa nigra* Lodd. ex Lindl.; *Bambusa puberula* Miq.; *Phyllostachys boryana* Mitford; *Phyllostachys nigra* fo. *boryana* (Mitford) Makino; *Phyllostachys puberula* (Miq.) Munro; *Phyllostachys puberula* var. *boryana* Makino; *Phyllostachys puberula* var. *nigra* (Lodd. ex Lindl.) J. Houz.

*Phyllostachys nigra* fo. *boryana* (Mitford) Makino, Bot. Mag. (Tokyo) 28: 26. 1912. Basionym: *Phyllostachys boryana* Mitford
NOTE: cites *P. boryana* Bean [nom. nud., corrected to Mitford]; as *boreana*
= **Phyllostachys nigra** (Lodd. ex Lindl.) Munro

*Phyllostachys nigra* var. *castillonis* (Marliac ex Carrière) Bean, Bull. Misc. Inform. Kew 1907: 232. 1907. Basionym: *Bambusa castilloni* Marliac ex Carrière
= **Phyllostachys bambusoides** Siebold & Zucc.

**Phyllostachys nigra** var. **henonis** (Mitford) Stapf ex Rendle, J. Linn. Soc., Bot. 36(254): 443. 1904. Basionym: *Phyllostachys henonis* Mitford
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).
SYN.: *Phyllostachys henonis* Bean; *Phyllostachys henonis* Mitford; *Phyllostachys henonis* Mitford; *Phyllostachys henryi* Rendle; *Phyllostachys nigra* var. *henonis* (Mitford) Stapf ex Rendle; *Sinoarundinaria henonis* (Bean) Ohwi ex Mayeb.

*Phyllostachys nigra* var. *henonis* (Mitford) Makino, Bot. Mag. (Tokyo) 26: 25. 1912. Basionym: *Phyllostachys henonis* Mitford
NOTE: isonym.; see Stapf 1904
E. HOM.: *Phyllostachys nigra* var. *henonis* (Mitford) Stapf ex Rendle
= **Phyllostachys nigra** var. **henonis** (Mitford) Stapf ex Rendle

*Phyllostachys nigra* var. *henonis* Makino ex Tsuboi, Illustr. Jap. Sp. Bamboo 2: 14, t. 11. 1916. T-Protol.: "Red sandy loam, granite formation, around border of Mikawa, Mino, Japan.".
NOTE: In Japanese
= **Phyllostachys nigra** var. **henonis** (Mitford) Stapf ex Rendle

**Phyllostachys nuda** McClure, J. Wash. Acad. Sci. 35(10): 288, f. 2. 1945. T-Protol.: USA: collected May 19, 1941, at the old Van Fleet residence, later the residence of P.H. Dorsett, near Glenn Dale, Md. According to the records this bamboo was originally introduced into this country form China by Frank N. Meyer., *McClure 20992* [HT: US ]. T-Specim.: 1 of 1. USA: near Glenn Dale, Md., 19 May 1941, *McClure 20992* [HT], originally introduced from China.
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: McClure (1955); McClure (1957); Zarucchi, Funston, et alii. (ined.).

**Phyllostachys propinqua** McClure, J. Wash. Acad. Sci. 35(10): 289, f. 1. 1945. T-Protol.: USA: Georgia: collected April 29, 1941, at the Barbour Lathrop Plant Introduction Garden, near Savannah, from permanent plot no. 10 (section C)., *McClure 20976* [HT: US ]. T-Specim.: 1 of 1. USA: Barbour Lathrop Plant Introduction Garden, near Savannah, Ga., 29 Apr 1941, *McClure 20976* [HT], introduced into USA from China.
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: McClure (1957); Zarucchi, Funston, et alii. (ined.).

*Phyllostachys puberula* (Miq.) Munro, Gard. Chron. 6: 773. 1876. Basionym: *Bambusa puberula* Miq.
= **Phyllostachys nigra** (Lodd. ex Lindl.) Munro

*Phyllostachys puberula* var. *boryana* Makino, Bot. Mag. (Tokyo) 14: 64. 1900.
= **Phyllostachys nigra** (Lodd. ex Lindl.) Munro

*Phyllostachys puberula* var. *nigra* (Lodd. ex Lindl.) J. Houz., Act. Congr. Int. Bot. (Brux.) Actes 2: 223.

1912. Basionym: *Bambusa nigra* Lodd. ex Lindl.
= **Phyllostachys nigra** (Lodd. ex Lindl.) Munro

*Phyllostachys pubescens* Mazel ex J. Houz., Bambou (Mons) 1: 7, 97. 1906. T-Specim.: 1 of 1. Collected from a colony cultivated under P.I. 80034 at the U.S. Barbour Lathrop Plant Introduction Station, origin: China, 17 Apr 1955, *F.A. McClure 21800* [NT: US-2177859, US-2177860], NT designated by McClure, J. Arnold Arbor. 37: 189 (1956).
= **Phyllostachys heterocycla** (Carrière) S. Matsum.

*Phyllostachys pubescens* (Carrière) Mazel ex J. Houz., Bambou (Mons) 2: 290. 1908. Basionym: *Bambusa pubescens* Carrière
NOTE: hom. illeg.
E. HOM.: *Phyllostachys pubescens* Mazel ex J. Houz.
= **Phyllostachys heterocycla** (Carrière) S. Matsum.

*Phyllostachys purpurata* McClure, Lingnan Univ. Sci. Bull. 9: 43. 1940. T-Protol.: Cultivated from material collected in China, Kwangtung, Kwang-ning Distr.,, Koon T'aan Haang near koo Shui on the Sui River, plants 2-3 m tall and 1-1.5 cm diam., young shoots edible, 27 Apr 1925, established in LU Bamboo Garden under BG 1246 (living type), *H. Fung 20889* [HT: Lingnan University Herbarium]. T-Specim.: 1 of 3. China: Kwangtung, 23 Apr 1936, *H. Fung 20889* [HT: Lingnan University Herbarium; IT: US-2802869]. 2 of 3. , *H.Fung 20477* [ST]. 3 of 3. : *H.Fung 20550* [ST].
= **Phyllostachys heteroclada** Oliv.

*Phyllostachys quadrangularis* (Franceschi) Rendle, J. Linn. Soc., Bot. 36(254): 443. 1904. Basionym: *Bambusa quadrangularis* Franceschi
= **Chimonobambusa quadrangularis** (Franceschi) Makino

*Phyllostachys quilioi* var. *castillonis-holochrysa* Regel ex J. Houz., Bambou (Mons) 1: 118. 1906.
= **Phyllostachys bambusoides** Siebold & Zucc.

*Phyllostachys reticulata* var. *castillonis* (Marliac ex Carrière) Makino, Bot. Mag. 26: 21. 1912. Basionym: *Bambusa castilloni* Marliac ex Carrière
= **Phyllostachys bambusoides** Siebold & Zucc.

*Phyllostachys reticulata* fo. *geniculata* Nakai, J. Jap. Bot. 9: 34. 1933.
= **Phyllostachys bambusoides** Siebold & Zucc.

*Phyllostachys reticulata* var. *holochrysa* (Pfitzer) Nakai, J. Jap. Bot. 9: 34. 1933. Basionym: *Phyllostachys castillonis* var. *holochrysa* Pfitzer
= **Phyllostachys bambusoides** Siebold & Zucc.

*Phyllostachys reticulata* var. *sulphurea* (Carrière) Makino, Bot. Mag. (Tokyo) 26: 24. 1912. Basionym: *Bambusa sulphurea* Carrière
= **Phyllostachys sulphurea** (Carrière) Rivière & C. Rivière

**Phyllostachys rubromarginata** McClure, Lingnan Univ. Sci. Bull. 9: 44. 1940. T-Protol.: Collected from wild plants growing in China, Kwangsi, Ts'ang-wu Distr., growing by roadside on steep bank of west River near Wuchow, 21 Nov 1925 and established in the Lignan University Bamboo Garden as BG 1426 (living type), *H. Fung 20545* [HT: Lingnan University Herbarium]. T-Specim.: 1 of 2. China: Kwangsi Chuang, 5 Mar 1933, *H. Fung 20545* [HT: Lingnan University Herbarium; IT: US-22770]. 2 of 2. , *H.Fung 20894* [ST].
DST.: Guat, Hond, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: McClure (1955); McClure (1957); Molina R. (1975); Zarucchi, Funston, et alii. (ined.).

**Phyllostachys sulphurea** (Carrière) Rivière & C. Rivière, Bull. Soc. Natl. Acclim. France 5: 773. 1878. Basionym: *Bambusa sulphurea* Carrière
DST.: CoRi, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa sulphurea* Carrière; *Phyllostachys mitis* var. *sulphurea* (Carrière) H. de Leh.; *Phyllostachys reticulata* var. *sulphurea* (Carrière) Makino; *Phyllostachys viridis* (Rob. A. Young) McClure.

**Phyllostachys viridi-glaucescens** Rivière & C. Rivière, Bull. Soc. Natl. Acclim. France 5: 700, f. 28. 1878. T-Protol.: Est originaire du nord du Chine; elle en fut rapportee, vers 1846, par le vice-amiral comte Cecille, cult.
NOTE: refers to *Bambusa viridi-glaucescens* M. Riv. but that name a nom. nud. [G.Davidsed, Jul 1993]
DST.: Guat, USA.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: McClure (1955); McClure (1957); Molina R. (1975); Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa viridi-glaucescens* Carrière; *Phyllostachys altiligulata* G.G. Tang & Y.L. Xu.

*Phyllostachys viridis* (Rob. A. Young) McClure, J. Arnold Arbor. 37(2): 192. 1956. Basionym: *Phyllostachys sulphurea* var. *viridis* Rob. A. Young
= **Phyllostachys sulphurea** (Carrière) Rivière & C. Rivière

*Phyllostachys viridis* fo. *laqueata* T.H. Wen, Bull. Bot. Res., Harbin 2(1): 77. 1982.
= **Phyllostachys meyeri** McClure

**Phyllostachys vivax** McClure, J. Wash. Acad. Sci. 35(10): 292, f. 3. 1945. T-Protol.: USA: Georgia: collected May-August 1942, at the Barbour Lathrop Plant Introduc tion Garden near Savannah, from permanent plot no. 72 (section C). This is one of Frank N. Meyer's introductions from China, but its precise origin is unknown, *McClure 21044* [HT: US ]. T-Specim.: 1 of 1. USA: Barbour Lathrop Plant Introduction Garden near Savannah, Ga., May-Aug 1942, *McClure 21044* [HT], This is one of Frank N. Meyer's introduction from China.
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: McClure (1957); Zarucchi, Funston,

et alii. (ined.).

**Piresia** Swallen, Phytologia 11(3): 152. 1964. TYPE: *Piresia goeldii* Swallen
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 4
CNSLTD LIT.: Soderstrom (1982b).

**Piresia goeldii** Swallen, Phytologia 11(3): 153. 1964. T-Protol.: Brazil: Pará: in sandy humous places below second growth forest, Maguary-assu, Bragança Railroad, Jun 1914, *A. Goeldi 72* [HT: US-1039650 ]. T-Specim.: 1 of 1. Brazil: Pará: Maguary-assu, Jun 1914, *E.A. Goeldi 72* [HT: US-1039650].
DST.: Braz, Colo, Ecua, FrGu, Peru, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Renner, Balslev & Holm-Nielsen (1990).

**Piresia leptophylla** Soderstr., Brittonia 34(2): 206, f. 4. 1982. T-Protol.: Brazil: Bahia: Mun. Una: Fazenda Itapororoca, ca. 10 km S of Una, ca. 2 km from ocean, sea level, 26 May 1976, *T.R. Soderstrom, G. Russell & J. Hage 2225* [HT: CEPEC; IT: B, CANB, DD, F, K, L, LE, MO, NY, P, PE, PRE, RB, SI, TNS, US ]. T-Specim.: 1 of 1. Brazil: Bahia: Una Mun. Fazenda Itapororoca, 26 May 1976, *T.R. Soderstrom, G.F. Russell & J. Hage 2225* [HT: CEPEC; IT: US-2810637, US-2810638, US-2810639].
DST.: Braz, Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Renner, Balslev & Holm-Nielsen (1990); Renvoize (1984).

**Piresia macrophylla** Soderstr., Brittonia 34(2): 203, f. 3. 1982. T-Protol.: Peru: San Martín: Alto Río Huallaga, Tarapoto, alt. 360-900 m, weed, Dec 1929, *L. Williams 6547* [HT: F(fragm., US) ].
DST.: Braz, FrGu, Peru.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1991a); Tovar (1993).

**Piresia sympodica** (Döll) Swallen, Phytologia 11(3): 153. 1964. Basionym: *Olyra sympodica* Döll
DST.: Braz, Cari, Ecua, FrGu, Guya, Peru, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Renner, Balslev & Holm-Nielsen (1990); Steyermark et al. (1995); Tovar (1993).
SYN.: *Olyra sympodica* Döll; *Raddia biformis* Hitchc. & Chase; *Raddia sympodica* (Döll) Hitchc.

**Piresiella** Judz., Zuloaga & Morrone, Ann. Missouri Bot. Gard. 80(4): 856. 1993. TYPE: *Piresiella strephioides* (Griseb.) Judz., Zuloaga & Morrone
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 1
CNSLTD LIT.: Zuloaga, Morrone & Judziewicz (1993).

**Piresiella strephioides** (Griseb.) Judz., Zuloaga & Morrone, Ann. Missouri Bot. Gard. 80(4): 857. 1993. Basionym: *Olyra strephioides* Griseb.
DST.: Cari.
LVL. ACCPTC.: 1.
SYN.: *Mniochloa strephioides* (Griseb.) Chase; *Olyra strephioides* Griseb.

*Planotia* Munro, Trans. Linn. Soc. London 26(1): 70. 1868. TYPE: *Planotia elata* (Kunth) Munro
NOTE: nom. illeg. superfl.
= **Neurolepis** Meisn.

*Planotia acuminatissima* Munro, Trans. Linn. Soc. London 26(1): 72. 1868. T-Specim.: 1 of 2. Hab in Nova Granada, Tolima, *Goudot s.n* [ST]. 2 of 2. Hab. in Nova Granada, Tolima, *Linden (Triana) 50* [ST].
= **Neurolepis acuminatissima** (Munro) Pilg.

*Planotia aperta* Munro, Trans. Linn. Soc. London 26(1): 73. 1868. T-Protol.: Habitat in Nova Granada, sub nom Chusquea de Paramo, *Goudot s.n.* T-Specim.: 1 of 1. Colombia: Páramo de Tolima, cachilla de la divisadera, 1844, *J. Goudot s.n.* [HT: K(fragm., US-2876331); IT: P].
= **Neurolepis aperta** (Munro) Pilg.

*Planotia elata* (Kunth) Munro, Trans. Linn. Soc. London 26(1): 71. 1868. Basionym: *Platonia elata* Kunth
= **Neurolepis elata** (Kunth) Pilg.

*Planotia ingens* Pilg., Bot. Jahrb. Syst. 25: 721. 1898. T-Protol.: Colombia: collecta in itinere ad montem ignivomum Tolima, *Stuebel 195*. T-Specim.: 1 of 1. Colombia: Tolima, *M.A. Stuebel 195* [HT: B; IT-2876347].
= **Neurolepis aperta** (Munro) Pilg.

*Planotia nobilis* Munro, Trans. Linn. Soc. London 26(1): 72. 1868. T-Protol.: Hab. in Nova Granada, Páramo de Rinz, *Purdie s.n.* T-Specim.: 1 of 1. Colombia: Páramo de Rinz, no date, *W. Purdie s.n.* [HT: K; IT: US-1021594, US-2876329].
= **Neurolepis nobilis** (Munro) Pilg.

*Planotia stuebelii* Pilg., Bot. Jahrb. Syst. 25: 720. 1898. T-Protol.: Colombia: collecta in itinere oppido Popoyan ad Paramo de Huila in valle fluminis Rio Paez, alt. 3500 m, *Stuebel 293*.
= **Neurolepis stuebelii** (Pilg.) Pilg.

*Planotia tesselata* Pilg., Bot. Jahrb. Syst. 25: 720. 1898. T-Protol.: Colombia: Río Patia collecta in itinere ad flumen Rio Patia supra lagunam Telpis, alt. 4000 m, *Stuebel 410*. T-Specim.: 1 of 1. Colombia: Río Patia, no date, *A. Stubel 410* [HT: B(fragm., US-2876326)].
= **Neurolepis tesselata** (Pilg.) Pilg.

*Planotia virgata* (Griseb.) Munro, Trans. Linn. Soc. London 26(1): 71. 1868. Basionym: *Platonia virgata* Griseb.
= **Neurolepis virgata** (Griseb.) Pilg.

*Platonia* Kunth, Revis. Gramin. 1: 139. 1829. TYPE: *Platonia elata* Kunth
NOTE: nom. rejic., non Mart. 1832
= **Neurolepis** Meisn.

*Platonia elata* Kunth, Revis. Gramin. 1: 327, t. 76. 1830. T-Protol.: Loxa Quitensium, *Humboldt & Bonpland 3351*. T-Specim.: 1 of 1. Ecuador: Loja, *Humboldt & Bonpland 3351* [HT: B(fragm., US-2876330)], .
= **Neurolepis elata** (Kunth) Pilg.

*Platonia virgata* Griseb., Fl. Brit. W. I. 530. 1864. T-Protol.: Trinidad: at Tocuche, *Crueger s.n.* T-Specim.: 1 of 1. Trinidad: Tocuche, *H. Crueger s.n.* [HT: GOET(fragm., US-2876325)].
= **Neurolepis virgata** (Griseb.) Pilg.

*Pleioblastinae* subtrib. Keng, Fl. Ill. Pl. Prim. Sin., Gram. 29. 1959.
NOTE: without Latin description
= **Arundinariinae** subtrib. Nees ex Lindl.

**Pleioblastus** Nakai, J. Arnold Arbor. 6(3): 145. 1925. TYPE: *Pleioblastus communis* (Makino) Nakai; LT designated by McClure, Taxon 6(7): 207 (1957)
TRTD. BY: Soreng, R. J.
NHT: Arundinariinae. SPP.: 7
CNSLTD LIT.: Geng & Wang (1996).

**Pleioblastus angustifolius** (Mitford) Nakai, J. Jap. Bot. 10(5): 294. 1934. Basionym: *Bambusa angustifolia* Mitford
DST.: USA.
LVL. ACCPTC.: 2; cultivated, introduced.
SYN.: *Arundinaria angustifolia* (Mitford) J. Houz.; *Bambusa angustifolia* Mitford.

**Pleioblastus chino** (Franch. & Sav.) Makino, J. Jap. Bot. 3(6): 23. 1926. Basionym: *Bambusa chino* Franch. & Sav.
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Soreng, R. J. (1997); Zarucchi, Funston, et alii. (ined.).

**Pleioblastus chrysanthus** (Mitford ex Bean) D.C. McClint., Plantsman 4(3): 191. 1982. Basionym: *Arundinaria chrysantha* Mitford ex Bean
DST.: USA.
LVL. ACCPTC.: 2; cultivated., introduced.
SYN.: *Arundinaria chrysantha* Mitford ex Bean

*Pleioblastus distichus* (Mitford) Nakai, Sci. Educ. (Tokyo) 15(6): 69. 1932. Basionym: *Bambusa disticha* Mitford
= **Sasa pygmaea** var. **disticha** (Mitford) C.S. Chao & G.G. Tang

*Pleioblastus fortunei* (Van Houtte) Nakai, J. Jap. Bot. 9: 232, t. 30. 1933. Basionym: *Bambusa fortunei* Van Houtte
= **Sasa fortunei** (Van Houtte) Fiori

**Pleioblastus gramineus** (Bean) Nakai, J. Arnold Arbor. 6(3): 146. 1925. Basionym: *Arundinaria hindsii* var. *graminea* Bean
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundinaria graminea* (Bean) Makino; *Arundinaria hindsii* var. *graminea* Bean; *Thamnocalamus hindsii* var. *graminea* (Bean) E.G. Camus.

**Pleioblastus humilis** (Mitford) Nakai, J. Jap. Bot. 11(1): 2. 1935. Basionym: *Arundinaria humilis* Mitford
DST.: USA.
LVL. ACCPTC.: 2; cultivated., introduced.
SYN.: *Arundinaria humilis* Mitford

**Pleioblastus simonii** (Carrière) Nakai, J. Arnold Arbor. 6(3): 147. 1925. Basionym: *Bambusa simonii* Carrière
DST.: Arge, Braz, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Burkart (1969); Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundinaria simonii* (Carrière) Rivière & C. Rivière; *Arundinaria vaginata* Hack.; *Bambusa simonii* Carrière; *Nipponocalamus simonii* (Carrière) Nakai.

**Pleioblastus viridi-striatus** (Siebold ex André) Makino, J. Jap. Bot. 3(3): 11. 1926. Basionym: *Bambusa viridi-striata* Siebold ex André
DST.: USA.
LVL. ACCPTC.: 2; cultivated, introduced.
SYN.: *Arundinaria variegata* var. *viridi-striata* (Siebold ex André) Makino; *Arundinaria viridi-striata* Makino ex Nakai; *Bambusa viridi-striata* Siebold ex André.

*Pseudocoicinae* subtrib. A. Camus, Arch. Mus. Hist. Nat. 12: 603. 1935.
NOTE: without Latin description
= **Bambusinae** subtrib. J. Presl

*Pseudoryza* Griff., Icon. Pl. Asiat. 3: t. 144. 1847 [1851]. TYPE: *Pseudoryza ciliata* (Retz.) Griff.
NOTE: nom. illeg. superfl.
= **Leersia** Sol. ex Sw.

*Pseudoryza ciliata* (Retz.) Griff., Icon. Pl. Asiat. 3: t. 144, f. 1. 1847 [1851]. Basionym: *Pharus ciliatus* Retz.
= **Leersia hexandra** Sw.

**Pseudosasa** Makino ex Nakai, J. Arnold Arbor. 6(3): 150. 1925. TYPE: *Pseudosasa japonica* (Siebold & Zucc. ex Steud.) Makino ex Nakai; LT designated by McClure, Taxon 6(7): 207 (1957)
TRTD. BY: Soreng, R. J.
NHT: Arundinariinae. SPP.: 2
CNSLTD LIT.: Young & Haun (1961); Geng & Wang (1996).
SYN.: *Yadakeya* Makino.

**Pseudosasa amabilis** (McClure) Keng f., Claves Gen. Sp. Gram. Prim. Sinic. 154. 1957. Basionym:

*Arundinaria amabilis* McClure
DST.: Cana, Cari, USA.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundinaria amabilis* McClure.

**Pseudosasa japonica** (Siebold & Zucc. ex Steud.) Makino ex Nakai, J. Jap. Bot. 2(4): 15. 1920. Basionym: *Arundinaria japonica* Siebold & Zucc. ex Steud.
DST.: Cana, Cari, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Hitchcock (1951); Long & Lakela (1971); Wunderlin (1998); Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundinaria japonica* Siebold & Zucc. ex Steud.; *Sasa japonica* (Siebold & Zucc. ex Steud.) Makino; *Yadakeya japonica* (Siebold & Zucc. ex Steud.) Makino.

**Raddia** Bertol., Opusc. Sci. 3: 410. 1819. TYPE: *Raddia brasiliensis* Bertol.
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 5
CNSLTD LIT.: Soderstrom & Zuloaga (1985a).
SYN.: *Hellera* Döll; *Strephium* Schrad. ex Nees.

**Raddia angustifolia** Soderstr. & Zuloaga, Brittonia 37(1): 32, f. 6. 1985. T-Protol.: Brazil: Bahia: Mun. Itaju de Colónia: Fazenda Uruguayana and vicinity, 8 km S of Santa Cruz da Vitória, mata cipó, elev. 210 m, 4 Apr 1976, *T.R. Soderstrom, G.F. Russell & J. Hage 2110* [HT: CEPEC; IT: B, CAL, CANB, F, ISC, K, L, LE, MO, NY, P, RB, S, SI, SP, TNS, US, WIS ]. T-Specim.: 1 of 1. Brazil: Bahia: Itaju do Colonia Mun., 4 Apr 1976, *T.R. Soderstrom, G.F. Russell, J. Hage 2110* [HT: CEPEC; IT: US-2810732, US-2810731, US-2810730].
DST.: Braz.
LVL. ACCPTC.: 1.

*Raddia biformis* Hitchc. & Chase, Contr. U.S. Natl. Herb. 18(7): 358. 1917. T-Protol.: West Indies: Trinidad: Caparo, *Broadway 2375*. T-Specim.: 1 of 1. Trinidad and Tobago: Trinidad I., 18 Sep 1908, *W.E. Broadway 2375* [HT: US-865556; IT: US-979173].
= **Piresia sympodica** (Döll) Swallen

**Raddia brasiliensis** Bertol., Opusc. Sci. 3: 410. 1819. T-Protol.: Habitat in provinciae di Rio Janeiro Brasilae, *Raddi s.n.* T-Specim.: 1 of 1. Brazil: Rio de Janeiro, no date, *G. Raddi s.n.* [T: US-2877981(fragm.)].
DST.: Braz.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Renvoize (1984).
SYN.: *Olyra brasiliensis* (Bertol.) Spreng.; *Olyra floribunda* Raddi; *Olyra floribunda* var. *floribunda*.

*Raddia capillata* (Trin.) Hitchc., Contr. U.S. Natl. Herb. 24(8): 491. 1927. Basionym: *Olyra capillata* Trin.
= **Cryptochloa capillata** (Trin.) Soderstr.

*Raddia concinna* (Hook. f.) Chase, Proc. Biol. Soc. Wash. 21: 185. 1908. Basionym: *Olyra concinna* Hook. f.
= **Cryptochloa concinna** (Hook. f.) Swallen

*Raddia costaricensis* Hitchc., Proc. Biol. Soc. Wash. 40: 87. 1927. T-Protol.: Costa Rica: in forests of the valley of the Rio Hondo near Madre de Dios, 200 m, Nov 1896, *Pittier 10352* [HT: US-825690; IT: US ]. T-Specim.: 1 of 1. Costa Rica: Limón, in forests of the valley of the Río Hondo near Madre de dios, 200 m, Nov 1896, *H. Pittier 10352* [HT: US-825690; IT: 979172].
= **Arberella costaricensis** (Hitchc.) Soderstr. & C. E. Calderón

**Raddia distichophylla** (Schrad. ex Nees) Chase, Proc. Biol. Soc. Wash. 21: 184. 1908. Basionym: *Strephium distichophyllum* Schrad. ex Nees
DST.: Braz.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Renvoize (1984).
SYN.: *Olyra polypodioides* Trin.; *Raddia polypodioides* (Trin.) Chase; *Strephium distichophyllum* Schrad. ex Nees.

**Raddia guianensis** (Brongn.) Hitchc., Man. Grasses W. Ind. 373. 1936. Basionym: *Strephium guianense* Brongn.
DST.: Braz, Cari, FrGu, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1991a).
SYN.: *Olyra floribunda* var. *microphylla* Döll; *Olyra urbaniana* Mez; *Raddia urbaniana* Hitchc. & Chase; *Strephium guianense* Brongn.

*Raddia malmeana* (Ekman) Hitchc., Contr. U.S. Natl. Herb. 22(6): 505. 1922. Basionym: *Olyra malmeana* Ekman
= **Raddiella malmeana** (Ekman) Swallen

*Raddia nana* (Döll) Chase, Proc. Biol. Soc. Wash. 21: 185. 1908. Basionym: *Olyra nana* Döll
NOTE: nom. superfl. illeg.
CORRECT NAME: *Raddia esenbeckii* (Steud.) C.E. Calderón & Soderstr.
= **Raddiella esenbeckii** (Steud.) C.E. Calderón & Soderstr.

*Raddia polypodioides* (Trin.) Chase, Proc. Biol. Soc. Wash. 21: 185. 1908. Basionym: *Olyra polypodioides* Trin.
= **Raddia distichophylla** (Schrad. ex Nees) Chase

**Raddia portoi** Kuhlm., Arch. Jard. Bot. Rio de Janeiro 4: 350. 1925. T-Protol.: Brasil: Bahia: habitat inter Itate et Iguassu, in silvis, 29 Dec 1922, *Campos Porto 1362* [HT: RB-17936; IT: US ]. T-Specim.: 1 of 1. Brazil: Bahia, 29 Dec 1922, *P. Campos-Porto 17936* [HT: RB; IT: US-1255915, US-1258832].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Renvoize (1984).

*Raddia strictiflora* (E. Fourn.) Chase, Proc. Biol. Soc. Wash. 21: 185. 1908. Basionym: *Strephium strictiflorum* E. Fourn.
= **Cryptochloa strictiflora** (E. Fourn.) Swallen

*Raddia sympodica* (Döll) Hitchc., Man. Grasses W. Ind. 372. 1936. Basionym: *Olyra sympodica* Döll
= **Piresia sympodica** (Döll) Swallen

*Raddia urbaniana* Hitchc. & Chase, Contr. U.S. Natl. Herb. 18(7): 359. 1917. T-Protol.: Tobago: collected in the center of the island of Tobago, abundant on the floor of deep forest on mountain, 18 Dec. 1912, *A.S. Hitchcock 10267* [HT: US-865554 ]. T-Specim.: 1 of 1. Trinidad and Tobago: Tobago Island, 18 Dec 1912 to 21 Dec 1912, *A.S. Hitchcock 10267* [HT: US-865554; IT: LL].
= **Raddia guianensis** (Brongn.) Hitchc.

**Raddiella** Swallen, Bull. Torrey Bot. Club 75(1): 89. 1948. TYPE: *Raddiella nana* (Döll) Swallen; nom. superfl. illeg. = **Raddiella esenbeckii** (Steud.) C.E. Calderón & Soderstr.
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 7
CNSLTD LIT.: Zuloaga & Judziewicz (1991).

**Raddiella esenbeckii** (Steud.) C.E. Calderón & Soderstr., Smithsonian Contr. Bot. 44: 21. 1980. Basionym: *Panicum esenbeckii* Steud.
DST.: Boli, Braz, Cari, Colo, FrGu, Guya, Pana, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY:; Davidse, Sousa & Chater (1994); Filgueiras (1991); Filgueiras (ined.); Judziewicz (1991a); Renvoize (1984); Renvoize (1998); Steyermark et al. (1995); Zuloaga & Judziewicz (1991).
SYN.: *Olyra hoehnei* Pilg.; *Olyra nana* Döll; *Panicum esenbeckii* Steud.; *Raddia nana* (Döll) Chase; *Raddiella nana* (Döll) Swallen.

**Raddiella kaieteurana** Soderstr., Mem. New York Bot. Gard. 12(3): 6. 1965. T-Protol.: British Guiana: Essequibo Distr.: Kaiteur Plateau, along trail from Kaiteur Plateau to Tukeit, ca. 1100 ft., 4 Feb 1962, small trailing grass on moist cliff faces in full sun, *Cowan & Soderstrom 1742* [HT: US-2380354; IT: GH, K, NY, P ].
DST.: Braz, Guya, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1991a); Steyermark et al. (1995); Zuloaga & Judziewicz (1991).

**Raddiella lunata** Zuloaga & Judz., Ann. Missouri Bot. Gard. 78(4): 936, f. 9, 10, 14. 1991. T-Protol.: Brazil: Rondonia: Serra do Paca Nova, Cab. do Cautario, planta umbrophila, na entrada das lapas, firmes, predas, etc., Mar 1917, *Rondon s.n. [as Kuhlmann 1863]* [HT: RB; IT: K, MO, NY, SI, SP, US ].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (ined.).

*Raddiella maipuriensis* Soderstr., Mem. New York Bot. Gard. 12(3): 7. 1965. T-Protol.: British Guiana: Essequibo Dist.: Imbaimadai savannas, Upper Mazaruni River, abundant in spray of Maipuri Falls, Karaurieng River, 1250 m, 25 Oct 1951, matted grass, *Maguire & Fanshawe 32277* [HT: US-2078792; IT: NY ]. T-Specim.: 1 of 1. Guyana: Essequibo Dist.: Imbaimadai savanannas, 25 Oct 1951, *B. Maguire & D.B. Fanshawe 32277* [HT: US-2078792; IT: NY].
= **Raddiella potaroensis** Soderstr.

**Raddiella malmeana** (Ekman) Swallen, Bull. Torrey Bot. Club 75(1): 89. 1948. Basionym: *Olyra malmeana* Ekman
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (ined.); Zuloaga & Judziewicz (1991).
SYN.: *Olyra malmeana* Ekman; *Raddia malmeana* (Ekman) Hitchc.

**Raddiella minima** Judz. & Zuloaga, Ann. Missouri Bot. Gard. 78(4): 939. 1991. T-Protol.: Brazil: Pará: Mun. de Itaituba: km 771 estrada Santarem-Cuiba, proxmo a divisao Para-Mato Grosso, 9.35S 54.35W, 22 Apr 1983, mata de Cerrado solo, vegetaço rupestre, *Amaral et al. 883* [HT: INPA; IT: MO, NY ].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (ined.); Zuloaga & Judziewicz (1991).

**Raddiella molliculma** (Swallen) C.E. Calderón & Soderstr., Smithsonian Contr. Bot. 44: 22. 1980. Basionym: *Panicum molliculmum* Swallen
DST.: Colo.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Zuloaga & Judziewicz (1991).
SYN.: *Panicum molliculmum* Swallen.

*Raddiella nana* (Döll) Swallen, Bull. Torrey Bot. Club 75(1): 89. 1948. Basionym: *Olyra nana* Döll
NOTE: nom. superfl. illeg.
CORRECT NAME: *Raddiella esenbeckii* (Steud.) C. E. Calderón & Soderstr.
= **Raddiella esenbeckii** (Steud.) C.E. Calderón & Soderstr.

**Raddiella potaroensis** Soderstr., Mem. New York Bot. Gard. 12(3): 6. 1965. T-Protol.: British Guiana: Essequibo Dist.: Kaiteur Plateau, bottom of Potaro Gorge near Kaiteur Fall to western rim of spalsh basin of Fall, ca. 700 m, 13 Mar 1962, common annual forming mats on rocks in full sun in constant mist from falls, blades flat[HT: US-2380401; IT: K, NY ].
DST.: Guya, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1991a); Steyermark et al. (1995); Zuloaga & Judziewicz (1991).
SYN.: *Raddiella maipuriensis* Soderstr.

*Raddiella truncata* Swallen, Bull. Torrey Bot. Club 75(1): 89. 1948. T-Protol.: Guyana: Potaro River Gorge, in secondary forest, on white sand, Waratuk Falls, 27 Apr 1944, *Maguire & Fanshawe 23035* [HT: US ]. T-Specim.: 1 of 1. Guyana:, 27 Apr 1944, *B. Maguire & D.B. Fanshawe 23035* [HT: US-171359; IT: US-

1914990].
= **Parodiolyra lateralis** (J. Presl ex Nees) Soderstr. & Zuloaga

## **Rehia** Fijten, Blumea 22(3): 416. 1975. TYPE: *Rehia nervata* Fijten

NOTE: cites *Bulbulus* Swallen, nom. inval., equivalent to a technical term
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 1
CNSLTD LIT.: Judziewicz (1991a).
SYN.: *Bulbulus* Swallen.

**Rehia nervata** Fijten, Blumea 22(3): 416. 1975.
NOTE: based on *Bulbulus nervata* Swallen, gen. et sp. inval.
REPLACED NAME: **Bulbulus nervatus** Swallen
DST.: Braz, FrGu, Guya, Suri.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz (1991a).
SYN.: *Bulbulus nervatus* Swallen.

## **Reitzia** Swallen, Sellowia 7: 7. 1956. TYPE: *Reitzia smithii* Swallen

TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 1

**Reitzia smithii** Swallen, Sellowia 7: 8, pl. 1956. T-Protol.: Brazil: in forest, Azambuja, brusque, Santa Catarina, alt. 35-135m, Mar. 1952, *L. B. Smith & P. Reitz 6123* [HT: US-2150190 ]. T-Specim.: 1 of 1. Brazil: Santa Catarina, Mar 1952, *L.B. Smith & R. Reitz 6123* [HT: US-2150190].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Smith, Wasshausen & Klein (1981).

*Rettbergia* Raddi, Fl. Bras. Enum. Pl. 17, t. 1, f. 1. 1823. TYPE: *Rettbergia bambusoides* Raddi
= **Chusquea** subg. **Rettbergia** (Raddi) L.G. Clark

*Rettbergia bambusoides* Raddi, Agrostogr. Bras. 18, t. 1, f. 1. 1823. T-Protol.: Brazil: reperitur circa verticem montis nuncupati Corcovado.
NOTE: as *Rettbergia "bambusaeoides"*
= **Chusquea bambusoides** (Raddi) Hack.

*Rettbergia capitata* Nees ex Döll, Fl. Bras. 2(3): 196. 1880.
NOTE: nom. inval., as syn. of *Chusquea capitata*
= **Chusquea capitata** Nees

## **Rhipidocladum** McClure, Smithsonian Contr. Bot. 9: 101, f. 42. 1973. TYPE: *Rhipidocladum harmonicum* (Parodi) McClure

TRTD. BY: Judziewicz.
NHT: Arthrostylidiinae. SPP.: 17
CNSLTD LIT.: McClure (1973); Clark & Londoño (1991a); Davidse & Pohl (1992); Pohl (1985); Judziewicz, Davidse & Clark (1991).

**Rhipidocladum abregoensis** Londoño & L.G. Clark, Novon 8(4): 419, f. 5. 1998. T-Protol.: Colombia: Norte de Santander: Mun. Abrego: km 20 via Abrego-Jurisdicciones, 1990 m, 18 Abr 1994, flowers, *X. Londoño, E. Ascanio & S. Rodriguez 881* [HT: COL; IT: ISC, NY, TULV, US].
DST.: Colo.
LVL. ACCPTC.: 1.

**Rhipidocladum ampliflorum** (McClure) McClure, Smithsonian Contr. Bot. 9: 105. 1973. Basionym: *Arthrostylidium ampliflorum* McClure
DST.: Vene.
LVL. ACCPTC.: 1.
SYN.: *Arthrostylidium ampliflorum* McClure.

**Rhipidocladum angustiflorum** (Stapf) McClure, Smithsonian Contr. Bot. 9: 105. 1973. Basionym: *Arthrostylidium angustiflorum* Stapf
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark & Londoño (1991a).
SYN.: *Arthrostylidium angustiflorum* Stapf.

**Rhipidocladum bartlettii** (McClure) McClure, Smithsonian Contr. Bot. 9: 105. 1973. Basionym: *Arthrostylidium bartlettii* McClure
DST.: Beli, Guat, Mexi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Breedlove (1986); Clark & Londoño (1991a); Davidse, Sousa & Chater (1994; Sousa S. & Cabrera C. (1983).
SYN.: *Arthrostylidium bartlettii* McClure.

**Rhipidocladum clarkiae** R.W. Pohl, Ann. Missouri Bot. Gard. 72(2): 272, f. 1a-e. 1985. T-Protol.: Costa Rica: Prov. San José: Parque Nacional Braulio Carrillo, ca. 0.6 km N of Information Booth, S of Bajo de Hondura, 1350 m, 26 July 1982, *Pohl & Clark 14103* [HT: ISC; IT: CR, F, K, MEXU, MO, US ]. T-Specim.: 1 of 1. Costa Rica: San José: Parque Nacional Braulio Cerrillo, s of Bajo de Hondura, 1350 m, 10.04N 83.59W, 26 Jul 1982, *R.W. Pohl & L.G. Clark 14103* [HT: ISC; IT: CR-91091, CR-116850, US-3149518].
DST.: CoRi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark & Londoño (1991a); Davidse, Sousa & Chater (1994).

**Rhipidocladum geminatum** (McClure) McClure, Smithsonian Contr. Bot. 9: 105. 1973. Basionym: *Arthrostylidium geminatum* McClure
DST.: Colo, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark & Londoño (1991a); Jørgensen & Ulloa U. (1994).
SYN.: *Arthrostylidium geminatum* McClure.

**Rhipidocladum harmonicum** (Parodi) McClure, Smithsonian Contr. Bot. 9: 105. 1973. Basionym: *Arthrostylidium harmonicum* Parodi
DST.: Boli, CoRi, Ecua, Guat, Mexi, Peru.
LVL. ACCPTC.: 1.

ALSO ACCPTD BY: Brako & Zarucchi (1993); Clark & Londoño (1991a); Jørgensen & Ulloa U. (1994); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Pohl (1980); Renvoize (1998); Tovar (1993).
SYN.: *Arthrostylidium harmonicum* Parodi.

**Rhipidocladum longispiculatum** Londoño & L.G. Clark, Amer. J. Bot. 78(9): 1272. 1991. T-Protol.: Colombia: Cundinamarca: Mun. Cabrera: vereda Nuñez, Hda. Pto. Nunez, west slope of paramo of Sumapaz, 3.54N 74.31W, 2490-2500 m, 14 Mar 1989, *Londoño 429* [HT: COL; IT: ISC, K, MO, TULV, US ]. T-Specim.: 1 of 1. Colombia: Cundinamarca: Cabrera Mun., 14 Mar 1989, *X. Londoño 429* [HT: COL; IT: US-3187647, US-3187646, US-3134474, US-3134475].
DST.: Colo.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark & Londoño (1991a).

**Rhipidocladum martinezii** Davidse & R.W. Pohl, Novon 2(2): 90, f. 4. 1992. T-Protol.: Mexico: Chiapas: Mun. Unión Juárez: en el volcán Tacaná, a 5 km al S de Talquián, 1550-1700 m, bosque mesófilo de montaña, arbusto voluble, flor amarilla con estambres morados y fruto, 8 Feb. 1987., *E. Martínez S., A. Márquez, G. Urquijo & M. Ramírez 19767* [HT: MO; IT: MEXU ].
DST.: Mexi.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Davidse, Sousa & Chater (1994);.

**Rhipidocladum maxonii** (Hitchc.) McClure, Smithsonian Contr. Bot. 9: 105. 1973. Basionym: *Arthrostylidium maxonii* Hitchc.
DST.: CoRi, Guya.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark & Londoño (1991a); Davidse, Sousa & Chater (1994); Judziewicz (1991a); Pohl (1980).
SYN.: *Arthrostylidium maxonii* Hitchc.

**Rhipidocladum pacuarense** R.W. Pohl, Ann. Missouri Bot. Gard. 72(2): 273, f. 1f-i. 1985. T-Protol.: Costa Rica: Prov. Cartago: 1.8 km E of río Pacuare crossing of Hwy. 232, top of hill, N side of road, 750 m, 1 Oct. 1982, *Pohl 14161* [HT: ISC; IT: CR, F, K, MO, US ]. T-Specim.: 1 of 1. Costa Rica: Cartago: 1.8 km E of Río Pacuara crossing of Hwy. 232, 750 m, 9.55N 83.34W, 1 Oct 1982, *R.W. Pohl 14161* [HT: ISC; IT: CR-116852, CR-91080, US-2978119].
DST.: CoRi, Nica.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark & Londoño (1991a); Davidse, Sousa & Chater (1994).

**Rhipidocladum panamense** R.W. Pohl, Ann. Missouri Bot. Gard. 72(2): 275, f. 1j-l. 1985. T-Protol.: Panama: Prov. Panama: 1-2 mi. beyond Goofy Lake, 1 Jan. 1972, *Gentry & Dwyer 3418* [HT: ISC; IT: MO, US ]. T-Specim.: 1 of 1. Panama: Panama: 1-2 mi beyond Goofy Lake, 1 Jan 1972, *A. Gentry & J. Dwyer 3418* [HT: ISC; IT: MO-2199488, US].
DST.: Pana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark & Londoño (1991a); Davidse, Sousa & Chater (1994).

**Rhipidocladum parviflorum** (Trin.) McClure, Smithsonian Contr. Bot. 9: 105. 1973. Basionym: *Arundinaria parviflora* Trin.
DST.: Braz, Colo, Peru, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark & Londoño (1991a); Filgueiras (1991).
SYN.: *Arthrostylidium trinii* Rupr.; *Arundinaria parviflora* Trin.; *Arundinaria trinii* Rupr. ex Döll.

**Rhipidocladum pittieri** (Hack.) McClure, Smithsonian Contr. Bot. 9: 105. 1973. Basionym: *Arthrostylidium pittieri* Hack.
DST.: CoRi, ElSa, Guat, Hond, Mexi, Nica, Pana.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Beetle (1977); Berendsohn & Araniva de González (1991); Breedlove (1986); Clark & Londoño (1991a); Davidse, Sousa & Chater (1994); Pohl (1980).
SYN.: *Arthrostylidium pittieri* Hack.; *Arundinaria pittieri* (Hack.) E.G. Camus.

**Rhipidocladum prestoei** (Munro) McClure, Smithsonian Contr. Bot. 9: 106. 1973. Basionym: *Arthrostylidium prestoei* Munro
DST.: Cari.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark & Londoño (1991a).
SYN.: *Arthrostylidium prestoei* Munro; *Arundinaria prestoei* (Munro) Hack.

**Rhipidocladum racemiflorum** (Steud.) McClure, Smithsonian Contr. Bot. 9: 106. 1973. Basionym: *Arthrostylidium racemiflorum* Steud.
DST.: Arge, Boli, Cari, Colo, CoRi, Ecua, ElSa, Guat, Hond, Mexi, Nica, Pana, Peru, Suri, Vene.
LVL. ACCPTC.: 1; cultivated.
ALSO ACCPTD BY: Berendsohn & Araniva de González (1991); Brako & Zarucchi (1993); Clark & Londoño (1991a); Davidse, Sousa & Chater (1994); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Killeen (1990); McVaugh (1983); Molina R. (1975); Pohl (1980); Renvoize (1998); Steyermark et al. (1995); Tovar (1993); Zuloaga et al. (1994).
SYN.: *Arthrostylidium racemiflorum* Steud.; *Arundinaria racemiflora* (Steud.) Hack.; *Merostachys racemiflora* (Steud.) E. Fourn.

**Rhipidocladum sibilans** Davidse, Judz. & L.G. Clark, Novon 1(2): 84, f. 5,6. 1991. T-Protol.: Venezuela: Anzoátegui: Dist. Libertad, road from El Vigia to Buenos Aires. 10.01N, 64.13.W, 1000 m, 27 Nov. 1981, *G. Davidse & A.C. González 19490* [HT: MO; IT: COL, ISC, K, MEXU, US, VEN ]. T-Specim.: 1 of 1. Venezuela: Anzoátegui: Libertad Dist., 27 Nov 1981, *G. Davidse & A.C. González 19490* [HT: MO-3208070; IT: COL, ISC, K, MEXU, MO-3208071, US-2953972, US-2953973, VEN].
DST.: Vene.

LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark & Londoño (1991a); Judziewicz (1991a); Judziewicz, Davidse & Clark (1991); Steyermark et al. (1995).

*Rhipidocladum verticillatum* (Nees) McClure, Smithsonian Contr. Bot. 9: 106. 1973. Basionym: *Arundinaria verticillata* Nees
= **Actinocladum verticillatum** (Nees) McClure ex Soderstr.

**Rhipidocladum** sect. **Didymogonyx** L.G. Clark & Londoño, Amer. J. Bot. 78(9): 1271. 1991. TYPE: *Rhipidocladum geminatum* (McClure) McClure
LVL. ACCPTC.: 1.

**Rhipidocladum** sect. **Racemiflorum** L.G. Clark & Londoño, Amer. J. Bot. 78(9): 1275. 1991. TYPE: *Rhipidocladum racemiflorum* (Steud.) McClure
LVL. ACCPTC.: 1.

**Rhipidocladum** McClure sect. **Rhipidocladum**
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Clark & Londoño (1991a).

**Rhynchoryza** Baill., Hist. Pl. 12: 291. 1893. TYPE: *Rhynchoryza subulata* (Nees) Baill.
TRTD. BY: Terrell & M. R. Duvall.
NHT: Oryzinae. SPP.: 1

**Rhynchoryza subulata** (Nees) Baill., Bull. Mens. Soc. Linn. Paris 2: 1063. 1894. Basionym: *Oryza subulata* Nees
DST.: Arge, Braz, Para, Suri, Urug.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Rosengurtt, Arrillaga de Maffei & Izaguirre de Artuco (1970); Zuloaga et al. (1994).

**Sasa** Makino & Shibata, Bot. Mag. (Tokyo) 15(168): 18. 1901. TYPE: *Sasa albomarginata* (Miq.) Makino & Shibata; LT designated by McClure, Taxon 6(7): 208 (1957)
NOTE: nom. cons. prop.
TRTD. BY: Soreng, R. J.
NHT: Arundinariinae. SPP.: 5
CNSLTD LIT.: Young & Haun (1961); Geng & Wang (1996).
SYN.: *Nipponobambusa* Muroi; *Sasamorpha* Nakai.

**Sasa fortunei** (Van Houtte) Fiori, Boll. Reale Soc. Tosc. Ortic., ser. 4, 2: 42. 1917. Basionym: *Bambusa fortunei* Van Houtte
DST.: Arge, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundarbor fortunei* (Van Houtte) Kuntze; *Arundinaria fortunei* (Van Houtte) Rivière & C. Rivière; *Arundinaria variabilis* var. *fortunei* (Van Houtte) Houz.; *Arundinaria variegata* (Siebold ex Miq.) Makino; *Bambusa fortunei* Van Houtte; *Nipponocalamus fortunei* (Van Houtte) Nakai; *Pleioblastus fortunei* (Van Houtte) Nakai; *Sasa variegata* (Siebold ex Miq.) E.G. Camus.

*Sasa japonica* (Siebold & Zucc. ex Steud.) Makino, Bot. Mag. (Tokyo) 26(300): 13, f. 2. 1912. Basionym: *Arundinaria japonica* Siebold & Zucc. ex Steud.
= **Pseudosasa japonica** (Siebold & Zucc. ex Steud.) Makino ex Nakai

**Sasa palmata** (hort. ex Burb.) E.G. Camus, Bambusees 25. 1913. Basionym: *Bambusa palmata* hort. ex Burb.
DST.: USA.
LVL. ACCPTC.: 2; cultivated, introduced.
SYN.: *Bambusa palmata* hort. ex Burb.; *Bambusa palmata* Marliac ex N.E. Br.; *Sasa palmata* (hort. ex Burb.) Nakai.

*Sasa palmata* (hort. ex Burb.) Nakai, J. Jap. Bot. 10: 561. 1934. Basionym: *Bambusa palmata* hort. ex Burb.
NOTE: isonym
E. HOM.: *Sasa palmata* (hort. ex Burb.) E.G. Camus
= **Sasa palmata** (hort. ex Burb.) E.G. Camus

*Sasa pygmaea* E.G. Camus, Bambusees t. 5, f. B. 1913. Basionym: <>
NOTE: nom. inval., name not accepted in the text, p. 22. (1913)

**Sasa pygmaea** (Miq.) Rehder, Man. Cult. Trees 71. 1927. Basionym: *Bambusa pygmaea* Miq.
NOTE: often treated as a *Pleioblastus*.
LVL. ACCPTC.: 1; cultivated, introduced.

**Sasa pygmaea** var. **disticha** (Mitford) C.S. Chao & G.G. Tang, J. Nanjing Inst. Forest. 1985(4) 15. 1985. Basionym: *Bambusa disticha* Mitford
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa disticha* Mitford; *Pleioblastus distichus* (Mitford) Nakai.

**Sasa senanensis** (Franch. & Sav.) Rehder, J. Arnold Arbor. 1(1): 58. 1919. Basionym: *Bambusa senanensis* Franch. & Sav.
DST.: USA.
LVL. ACCPTC.: 2.
ALSO ACCPTD BY: Suzuki (1975).
SYN.: *Bambusa senanensis* Franch. & Sav.

*Sasa tessellata* (Munro) Makino & Shibata, Bot. Mag. (Tokyo) 15: 27. 1901. Basionym: *Bambusa tessellata* Munro
= **Indocalamus tessellatus** (Munro) Keng f.

*Sasa variegata* (Siebold ex Miq.) E.G. Camus, Bambusees 21. 1913. Basionym: *Bambusa variegata* Siebold ex Miq.
= **Sasa fortunei** (Van Houtte) Fiori

**Sasa veitchii** (Carrière) Rehder, J. Arnold Arbor. 1(1): 58. 1919. Basionym: *Bambusa veitchii* Carrière
DST.: Cana, USA.

LVL. ACCPTC.: 2; cultivated, introduced.
ALSO ACCPTD BY: Suzuki (1967).
SYN.: *Arundinaria veitchii* (Carrière) N.E. Br.; *Bambusa albo-marginata* Makino; *Bambusa veitchii* Carrière.

*Sasamorpha* Nakai, J. Fac. Sci. Hokkaido Univ., Ser. 5, Bot. 26: 180. 1931. TYPE: *Sasamorpha borealis* (Hack.) Nakai; LT designated by Nakai, Bot. Mag. (Tokyo): 46: 41 (1932)
= **Sasa** Makino & Shibata

*Schizostachydinae* subtrib. Soderstr. & R.P. Ellis, Grass Syst. Evol. 238. 1987. TYPE: *Schizostachyum* Nees
= **Melocanninae** subtrib. Benth.

## Schizostachyum

Nees, Fl. Bras. Enum. Pl. 2: 535. 1829. TYPE: *Schizostachyum blumei* Nees
TRTD. BY: Soreng, R. J.
NHT: Melocanninae. SPP.: 2
CNSLTD LIT.: Young & Haun (1961); Geng & Wang (1996).
SYN.: *Leptocanna* (N.H. Xia) L.C. Chia & H.L. Fung.

*Schizostachyum apus* (Schult. & Schult. f.) Steud., Syn. Pl. Glumac. 1: 332. 1854. Basionym: *Bambusa apus* Schult. & Schult. f.
= **Gigantochloa apus** (Schult. & Schult. f.) Kurz

*Schizostachyum capitatum* (Trin.) Rupr., Bambuseae 46, t. 17. 1839. Basionym: *Bambusa capitata* Trin.
= **Guadua capitata** (Trin.) Munro

**Schizostachyum funghomii** McClure, Lingnan Sci. J. 14(4): 585-588, f. 1, 3, t. 34, 39, f. 4-7. 1935. T-Protol.: China: Kwangtung: Meu-ming Distr.: Ng-uk3, *McClure s.n.* [LU-19743(3 sheets)]. T-Specim.: 1 of 1. China: Kwangtung, 24 Dec 1931, *F.A. McClure 563* [HT: US-19743; IT: US-2876801].
DST.: Cari, Guat, Hond.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Zarucchi, Funston, et alii. (ined.).

*Schizostachyum pergracile* (Munro) R.B. Majumdar, Fl. Ind. Enumerat.-Monocot. 282. 1989. Basionym: *Cephalostachyum pergracile* Munro
= **Cephalostachyum pergracile** Munro

**Schizostachyum pseudolima** McClure, Lingnan Sci. J. 19(4): 537-538, t. 39-40. 1940. T-Protol.: China: Hainan: Ling-shui Distr.: Chim Shan, 3 May 1932, *H. Fung 20078* [HT: Lingnan Univ. Herb.].
DST.: Guat.
LVL. ACCPTC.: 2; cultivated, introduced.
ALSO ACCPTD BY: McClure (1955); Zarucchi, Funston, et alii. (ined.).

*Sellulocalamus* W.T. Lin, J. S. China Agric. Univ. 10(2): 43. 1989.
= **Dendrocalamus** Nees

## Semiarundinaria

Makino ex Nakai, J. Arnold Arbor. 6(3): 150. 1925. TYPE: *Semiarundinaria fastuosa* (Lat-Marl. ex Mitford) Makino ex Nakai; LT designated by McClure, Taxon 6(7): 208 (1957)
TRTD. BY: Soreng, R. J.
NHT: Shibataeinae. SPP.: 1
CNSLTD LIT.: Young & Haun (1961); Geng & Wang (1996).

**Semiarundinaria fastuosa** (Lat-Marl. ex Mitford) Makino ex Nakai, J. Arnold Arbor. 6(3): 151. 1925. Basionym: *Bambusa fastuosa* Lat-Marl. ex Mitford
DST.: USA.
LVL. ACCPTC.: 2; cultivated, introduced.
SYN.: *Bambusa fastuosa* Lat-Marl. ex Mitford.

## Shibataea

Makino ex Nakai, J. Jap. Bot. 9(2): 83. 1933. TYPE: *Shibataea kumasaca* (Zoll. ex Steud.) Nakai; LT designated by A. Rehder, Bibliogr. Cult. Trees Shrubs 641 (1949)
NOTE: orth. var. *Shibataeeae*
TRTD. BY: Soreng, R. J.
NHT: Shibataeinae. SPP.: 1
CNSLTD LIT.: Young & Haun (1961); Geng & Wang (1996).

**Shibataea kumasaca** (Zoll. ex Steud.) Makino, Bot. Mag. (Tokyo) 28(325): 22. 1914. Basionym: *Bambusa kumasaca* Zoll. ex Steud.
NOTE: as "*kumasasa*"
DST.: CoRi, USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Zarucchi, Funston, et alii. (ined.).
SYN.: *Bambusa kumasaca* Zoll. ex Steud.; *Phyllostachys kumasaca* (Zoll. ex Steud.) Munro.

*Shibataeeae* trib. Nakai, J. Jap. Bot. 9(2): 83. 1933. TYPE: *Shibataea* Makino ex Nakai
= **Bambuseae** trib. Dumort.

## Shibataeinae

subtrib. (Nakai) Soderstr. & R.P. Ellis, Grass Syst. Evol. 238. 1987. Basionym: *Shibataeeae* trib. Nakai
TRTD. BY: The authors.
NHT: Bambuseae.

*Sieglingia aristulata* (Döll) Kuntze, Revis. Gen. Pl. 3(3): 341. 1898. Basionym: *Arundinaria aristulata* Döll
= **Aulonemia aristulata** (Döll) McClure

## Sinarundinaria

Nakai, J. Jap. Bot. 11(1): 1. 1935. TYPE: *Sinarundinaria nitida* (Mitford) Nakai
TRTD. BY: Soreng, R. J.
NHT: Arundinariinae. SPP.: 2
CNSLTD LIT.: Chao & Renvoize (1989).

**Sinarundinaria falcata** (Nees) C.S. Chao & Renvoize, Kew Bull. 44(2): 357. 1989. Basionym: *Arundinaria falcata* Nees
DST.: Braz, Cari, Peru, USA.

LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Chao & Renvoize (1989).
SYN.: *Arundinaria falcata* Nees; *Chimonobambusa falcata* (Nees) Nakai.

**Sinarundinaria hookeriana** (Munro) C.S. Chao & Renvoize, Kew Bull. 44(2): 358. 1989. Basionym: *Arundinaria hookeriana* Munro
DST.: USA.
LVL. ACCPTC.: 2; cultivated.
ALSO ACCPTD BY: Chao & Renvoize (1989).
SYN.: *Arundinaria hookeriana* Munro; *Chimonobambusa hookeriana* (Munro) Nakai.

*Sinarundinaria murielae* (Gamble) Nakai, J. Jap. Bot. 11(1): 1-2. 1935. Basionym: *Arundinaria murielae* Gamble
NOTE: as "Murielae"
= **Fargesia murielae** (Gamble) T.P. Yi

*Sinarundinaria nitida* (Mitford) Nakai, J. Jap. Bot. 11(1): 1. 1935. Basionym: *Arundinaria nitida* Mitford
= **Fargesia nitida** (Mitford) Keng f. ex T.P. Yi

*Sinoarundinaria* Ohwi, Fl. Austro-Higo. 86. 1931. TYPE: *Phyllostachys bambusoides* Siebold & Zucc.
NOTE: nom. illeg. superfl.
= **Phyllostachys** Siebold & Zucc.

*Sinoarundinaria henonis* (Bean) Ohwi ex Mayeb., Fl. Austro-Higo. 86. 1931. Basionym: *Phyllostachys henonis* Bean
= **Phyllostachys nigra** var. **henonis** (Mitford) Stapf ex Rendle

**Sinobambusa** Makino ex Nakai, J. Arnold Arbor. 6(3): 152. 1925. TYPE: *Sinobambusa tootsik* (Siebold ex Makino) Makino ex Nakai; LT designated by McClure, Taxon 6(7): 209 (1957)
TRTD. BY: Soreng, R. J.
NHT: Shibataeinae. SPP.: 1
CNSLTD LIT.: Young & Haun (1961); Geng & Wang (1996).
SYN.: *Neobambus* Keng ex Keng f.

**Sinobambusa tootsik** (Siebold ex Makino) Makino ex Nakai, J. Arnold Arbor. 6(3): 152. 1925. Basionym: *Arundinaria tootsik* Siebold ex Makino
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
SYN.: *Arundinaria tootsik* Siebold ex Makino; *Bambos tootsik* Siebold.

*Sinocalamus* McClure, Lingnan Univ. Sci. Bull. 9: 66. 1940. TYPE: *Sinocalamus latiflorus* (Munro) McClure
= **Dendrocalamopsis** (L.C. Chia & H.L. Fung) Keng f.
SPP.: 1

*Sinocalamus giganteus* (Wall. ex Munro) A. Camus, Rev. Int. Bot. Appl. Agric. Trop. 29: 551. 1949. Basionym: *Dendrocalamus giganteus* Wall. ex Munro
= **Dendrocalamus giganteus** Wall. ex Munro

*Sinocalamus latiflorus* (Munro) McClure, Lingnan Univ. Sci. Bull. 9: 67. 1940. Basionym: *Dendrocalamus latiflorus* Munro
= **Dendrocalamus latiflorus** Munro

*Sinocalamus oldhamii* (Munro) McClure, Lingnan Univ. Sci. Bull. 9: 67. 1940. Basionym: *Bambusa oldhamii* Munro
= **Dendrocalamopsis** (L.C. Chia & H.L. Fung) Keng f.

**Sphaerobambos philippinensis** (Gamble) S. Dransf., Kew Bull. 44(3): 432. 1989. Basionym: *Guadua philippinensis* Gamble
LVL. ACCPTC.: 1; excluded, not in the New World flora.
ALSO ACCPTD BY: Dransfield & Widjaja (1995); Dransfield (1989).
SYN.: *Guadua philippinensis* Gamble.

*Stipa angulata* L. ex Steud., Nomencl. Bot. (ed. 2) 2: 642. 1841.
NOTE: nom. inval., as syn. of *Hydropyrum esculentum* Link
= **Zizania aquatica** L.

*Strephium* Schrad. ex Nees, Fl. Bras. Enum. Pl. 2: 298. Mar-Jun 1829. TYPE: *Strephium distichophyllum* Schrad. ex Nees
= **Raddia** Bertol.

*Strephium distichophyllum* Schrad. ex Nees, Fl. Bras. Enum. Pl. 2: 298. 1829. T-Protol.: Brasilia: habitat in sylvis primaevis, prov. Bahiensis ad viam Felisberti alibique, floret Novembri et Decembri, *Anonymous s.n.* T-Specim.: 1 of 1. Brazil: Bahia, no date, *Anonymous s.n.* [HT: M(fragm., US-2942618)].
= **Raddia distichophylla** (Schrad. ex Nees) Chase

*Strephium guianense* Brongn., Bull. Soc. Bot. France 7: 470. 1860. T-Protol.: Guyane Française, *Anonymous s.n.* T-Specim.: 1 of 1. French Guiana, no date, *Lepre 430* [HT: P(fragm., US-2942620, US-2942619)].
= **Raddia guianensis** (Brongn.) Hitchc.

*Strephium pulchellum* (Griseb.) C. Wright, Anales Acad. Ci. Med. Habana 8: 202. 1871. Basionym: *Digitaria pulchella* Griseb.
= **Mniochloa pulchella** (Griseb.) Chase

*Strephium strictiflorum* E. Fourn., Bull. Soc. Roy. Bot. Belgique 15: 465. 1876. T-Specim.: 1 of 3. Mexico, no date, *W.F. von Karwin Karwinski 1473* [ST: LE(fragm., US-02877919)]. 2 of 3. Mexico: Hacienda de Jovo, in sylvis udis, May, *Liebmann s.n.* [ST: C]. 3 of 3. Mexico: Mirador, *Liebmann 266* [ST: C].
= **Cryptochloa strictiflora** (E. Fourn.) Swallen

*Streptia* Döll, Fl. Bras. 2(3): 171. 1880.
NOTE: nom. inval., as syn. of *Streptogyna* P. Beauv.
= **Streptogyna** P. Beauv.

**Streptochaeta** Schrad. ex Nees, Fl. Bras. Enum. Pl. 2: 536. 1829. TYPE: *Streptochaeta spicata* Schrad.

ex Nees
TRTD. BY: Judziewicz.
NHT: Streptochaeteae. SPP.: 3
CNSLTD LIT.: Judziewicz & Soderstrom (1989).
SYN.: *Lepideilema* Trin.

**Streptochaeta angustifolia** Soderstr., Ann. Missouri Bot. Gard. 68(1): 30, f. 5-6. 1981. T-Protol.: Brazil: Espíritu Santo: Mun. Cachoeiro de Itapemirim: 10 km from Cachoeiro toward Alegre, 20.47S 41.09W, ca. 90 m, 26 Apr 1972, *Soderstrom & Sucre 1969* [HT: RB; IT: CEPEC, INPA, K, MO, P, US ]. T-Specim.: 1 of 1. Brazil: Espírito Santo, 25 Apr 1972, *T.R. Soderstrom & D.B. Sucre 1969* [HT: RB; IT: CEPEC, F, INPA, K, LE, MO, NY, P, US-2725405, US-2725406].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Judziewicz & Soderstrom (1989).

**Streptochaeta sodiroana** Hack., Oesterr. Bot. Z. 40: 113. 1890. T-Protol.: Ecuador: Pinchacha: prope San Miguel de Colorados, in silvis tropicae, secus flumen Peripa, 400 m, 1883, *Sodiro 911* [HT: W ]. T-Specim.: 1 of 1. Ecuador: Pichincha: 400 m, 1883, *Sodiro 911* [HT: W(fragm., US-79428); IT: W], .
DST.: Beli, CoRi, Ecua, Guat, Hond, Mexi, Nica, Pana, Peru, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Beetle (1977); Breedlove (1986); Cowan (1983); Davidse, Sousa & Chater (1994); Dodson & Gentry (1978); Hitchcock (1927); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz & Soderstrom (1989); Pohl (1980); Swallen (1955); Tovar (1993).

**Streptochaeta spicata** Schrad. ex Nees, Fl. Bras. Enum. Pl. 2: 537. 1829. T-Protol.: Brasilia: habitat in sylva primaeva ad viam Felisberti, floret Decembri, *Maximillian s.n.* T-Specim.: 1 of 1. Brazil: Bahia: im Urwald an der Estrada de Minas, Capitain Filisberto [Fazenda of Felisberto Caldeira Brant, Marques de Barbecena, near Ilheus],, Dec 1816, *Maximillian s.n.* [HT: B(fragm., US); IT: BR, LE].
DST.: Beli, Cari, Colo, CoRi, Ecua, Guat, Hond, Mexi, Nica, Pana, Peru, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Beetle (1977); Brako & Zarucchi (1993); Breedlove (1986); Davidse, Sousa & Chater (1994); Dodson, Gentry & Valverde (1985); Döll (1880); Hitchcock (1927); Hitchcock (1936); Jørgensen & León-Yánez (1999); Judziewicz & Clark (1993); Judziewicz (1991a); Killeen (1990); Pohl (1980); Renvoize (1984); Renvoize (1988); Renvoize (1998); Smith, Wasshausen & Klein (1981); Swallen (1955); Tovar (1993); Zuloaga et al. (1994).

**Streptochaeta spicata** subsp. **ecuatoriana** Judz. & Soderstr., Smithsonian Contr. Bot. 68: 39. 1989. T-Protol.: Ecuador: Los Rios: Jaunche forest, Canton Vinces, km 70 on road from Quevedo to Palenque, N of Mocachi on Estero Penafiel, 100m, 23 Mar 1980, *Dodson & Gentry 9832* [HT: MO ]. T-Specim.: 1 of 1. Ecuador: Los Rios: 100 m, 23 March 1980, *Dodson & Gentry 9832* [HT: MO], .
DST.: Ecua.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Jørgensen & León-Yánez (1999).

**Streptochaeta spicata** Schrad. ex Nees subsp. **spicata**
DST.: Beli, Cari, Colo, CoRi, Ecua, Guat, Hond, Mexi, Nica, Pana, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (ined.); Jørgensen & León-Yánez (1999); Judziewicz & Soderstrom (1989);.
SYN.: *Lepideilema lancifolium* Trin.

## Streptochaeteae

trib. C.E. Hubb., Fam. Fl. Pl., Monocot. 2: 205. 1934. TYPE: *Streptochaeta* Schrad. ex Nees
TRTD. BY: The authors.
NHT: Anomochlooideae.

*Streptochaetoideae* subfam. (Nakai) Butzin, Neue Untersuch. Blüte Gram. 148. 1965. Basionym: *Streptochaetaceae* fam. Nakai
NOTE: in German, Latin descr. provided by Nakai
= **Anomochlooideae** subfam. Pilg. ex Potztal

## Streptogyna

P. Beauv., Ess. Agrostogr. 80. 1812. TYPE: *Streptogyna crinita* P. Beauv.
TRTD. BY: Judziewicz.
NHT: Streptogyneae. SPP.: 1
SYN.: *Streptia* Döll.

**Streptogyna americana** C.E. Hubb., Hooker's Icon. Pl. 36(6): t. 3572, 5. 1956. T-Protol.: Surinam: trail to Coppename River, rear of village of Paka-Paka, *Maguire 23975* [HT: K; IT: F, MO, NY ].
DST.: Beli, Braz, Colo, CoRi, FrGu, Guat, Guya, Mexi, Nica, Pana, Peru, Suri, Vene.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Breedlove (1986); Davidse, Sousa & Chater (1994); Judziewicz (1991a); Pohl (1980); Renvoize (1984); Renvoize (1998); Soderstrom & Judziewicz (1987); Steyermark et al. (1995); Tovar (1993).

## Streptogyneae

trib. C.E. Calderón & Soderstr., Smithsonian Contr. Bot. 44: 18. 1980. TYPE: *Streptogyna* P. Beauv.
TRTD. BY: The authors.
NHT: Ehrhartoideae.
SYN.: trib. *Streptogyneae* C.E. Hubb.

## Sucrea

Soderstr., Brittonia 33(2): 200. 1981. TYPE: *Sucrea monophylla* Soderstr.
TRTD. BY: Judziewicz.
NHT: Olyrinae. SPP.: 3
CNSLTD LIT.: Soderstrom (1981d).

**Sucrea maculata** Soderstr., Brittonia 33(2): 205, f. 4, 5. 1981. T-Protol.: Brazil: Rio de Janeiro: rio de Janeiro; Serra de Bica prope Cascadura, 1886, *Schwacke s.n.* [HT: RB-46717 ].
DST.: Braz.
LVL. ACCPTC.: 1.

**Sucrea monophylla** Soderstr., Brittonia 33(2): 200, f. 1-3. 1981. T-Protol.: Brazil: Bahia: Município Itabuna: Ferradas, Fazenda Aberta Grande (ca. 14.47.21S, 39.16.36W), 16 Jan 1968, *C.E. Calderón 2045* [HT: CEPEC; IT: K, LE, MO, NY, P, RB, US ].
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Renvoize (1984).

**Sucrea sampaiana** (Hitchc.) Soderstr., Brittonia 33(2): 208, f. 6. 1981. Basionym: *Olyra sampaiana* Hitchc.
DST.: Braz.
LVL. ACCPTC.: 1.
SYN.: *Olyra sampaiana* Hitchc.

*Swallenochloa* McClure, Smithsonian Contr. Bot. 9: 106, f. 43-45. 1973. TYPE: *Swallenochloa subtessellata* (Hitchc.) McClure
= **Chusquea** subg. **Swallenochloa** (McClure) L.G. Clark

*Swallenochloa angustifolia* Soderstr. & C.E. Calderón, Brittonia 30(3): 303. 1978. T-Protol.: Venezuela: Táchira: subpáramo y bosque enano, faldas inmediatemente debajo del Páramo de Tamá, cerca de la frontera Colombo-Venezolana, altura 2750-2950 metros, 20-23 de mayo de 1967, *J.A. Steyermark & G.C.K. y E. Dunsterville 98615* [HT: US-2594324; IT: VEN ]. T-Specim.: 1 of 1. Venezuela: Táchira, 20 May 1967 to 23 May 1967, *J.A. Steyermark, G.C.K. Dunsterville & E. Dunsterville 98615* [HT: US-2594324; IT: VEN].
= **Chusquea angustifolia** (Soderstr. & C.E. Calderón) L.G. Clark

*Swallenochloa depauperata* (Pilg.) McClure, Smithsonian Contr. Bot. 9: 112. 1973. Basionym: *Chusquea depauperata* Pilg.
= **Chusquea depauperata** Pilg.

*Swallenochloa longiligulata* Soderstr. & C.E. Calderón, Brittonia 30(3): 305, f. 3, 4. 1978. T-Protol.: Costa Rica: San José: cut-over Quercus forest, pastures, this species from 1400-3000 m, much more common below 2000 m, 4 June 1973, *R.W. Pohl & S. Selva 12842* [HT: US-2690691, US-2828117; IT: ISC ]. T-Specim.: 1 of 1. Costa Rica: San José: along CIA, ca. 5 km SE of Empalme, near Tres de Hunio, 2000 m, flowers, 4 Jun 1973, *R.W. Pohl & S. Selva 12842* [HT: US-2690691, US-2828117; IT: F, ISC].
= **Chusquea longiligulata** (Soderstr. & C.E. Calderón) L.G. Clark

*Swallenochloa spicata* (Munro) McClure, Smithsonian Contr. Bot. 9: 112. 1973. Basionym: *Chusquea spicata* Munro
= **Chusquea spicata** Munro

*Swallenochloa subtessellata* (Hitchc.) McClure, Smithsonian Contr. Bot. 9: 113. 1973. Basionym: *Chusquea subtessellata* Hitchc.
= **Chusquea subtessellata** Hitchc.

*Swallenochloa tessellata* (Munro) McClure, Smithsonian Contr. Bot. 9: 113. 1973. Basionym: *Chusquea tessellata* Munro
= **Chusquea tessellata** Munro

*Swallenochloa vulcanalis* Soderstr. & C.E. Calderón, Brittonia 30(3): 309, f. 5. 1978. T-Protol.: Costa Rica: Cartago: abrupte dominant la Playita, V. Irazú, 3350 m, 31 December 1900, *H. Pittier 14126* [HT: US-821337; IT: US-577987 ]. T-Specim.: 1 of 1. Costa Rica: Cartago: abrupte dominant la Playita, Volcán Irazú, 3350 m, flowers, 31 Dec 1900, *H. Pittier 14126* [HT: US-821337; IT: ISC, US-577987].
= **Chusquea vulcanalis** (Soderstr. & C.E. Calderón) L.G. Clark

*Swallenochloa weberbaueri* (Pilg.) McClure, Smithsonian Contr. Bot. 9: 113. 1973. Basionym: *Chusquea weberbaueri* Pilg.
= **Chusquea spicata** Munro

*Tetragonocalamus quadrangularis* (Franceschi) Nakai, J. Jap. Bot. 9: 90. 1933. Basionym: *Bambusa quadrangularis* Franceschi
= **Chimonobambusa quadrangularis** (Franceschi) Makino

*Thamnocalaminae* subtrib. Keng f., J. Bamboo Res. 11(1): 25. 1992.
= **Arundinariinae** subtrib. Nees ex Lindl.

**Thamnocalamus** Munro, Trans. Linn. Soc. London 26(1): 33, 157. 1868. TYPE: *Thamnocalamus spathiflorus* (Trin.) Munro; LT designated by Bentham in Benth. & Hook., Gen. Pl. 3(2): 1208 (1883)
TRTD. BY: Soreng, R. J.
NHT: Arundinariinae. SPP.: 2
CNSLTD LIT.: Geng & Wang (1996).
SYN.: *Arundinaria* sect. *Thamnocalamus* (Munro) Hack.; *Himalayacalamus* Keng f.

**Thamnocalamus aristatus** (Gamble) E.G. Camus, Bambusees 54, t. 37, f. E. 1913. Basionym: *Arundinaria aristata* Gamble
DST.: USA.
LVL. ACCPTC.: 1; cultivated, introduced.
ALSO ACCPTD BY: Chao & Renvoize (1989); Zarucchi, Funston, et alii. (ined.).
SYN.: *Arundinaria aristata* Gamble.

**Thamnocalamus falconeri** Hook. f. ex Munro, Trans. Linn. Soc. London 26(1): 34. 1868. T-Specim.: 1 of 3. Nepal: Kathmandu, Sheopore [Shivapuri], 8000 ft, 1821, *N. Wallich 5040* [HT: K; IT: E, US-79433]. 2 of 3. Himalaya: Kumaon, Madhari Pass, alt. 8000 ft, *Strachey & Winterbottom s.n.* [ST]. 3 of 3. Kalapanee

alt. 5,300 ped., *Hooker 1326* [ST].
DST.: USA.
LVL. ACCPTC.: 2; cultivated, introduced.
ALSO ACCPTD BY: Chao & Renvoize (1989).
SYN.: *Himalayacalamus falconeri* (Hook. f. ex Munro) Keng f.

*Thamnocalamus hindsii* (Munro) E.G. Camus, Bambusees 52, t. 25, f. a. 1913. Basionym: *Arundinaria hindsii* Munro
= **Pseudosasa hindsii** (Munro) C.D. Chu & C.S. Chao

*Thamnocalamus hindsii* var. *graminea* (Bean) E.G. Camus, Bambusees 53. 1913. Basionym: *Arundinaria hindsii* var. *graminea* Bean
= **Pleioblastus gramineus** (Bean) Nakai

*Thamnocalamus nitidus* (Mitford) Demoly, Bambou 9: 13. 1991. Basionym: *Arundinaria nitida* Mitford
= **Fargesia nitida** (Mitford) Keng f. ex T.P. Yi

*Thamnocalamus tessellatus* (Nees) Soderstr. & R.P. Ellis, Bothalia 14(1): 54. 1982. Basionym: *Nastus tessellatus* Nees

*Triglossum bambusinum* Fisch., Cat. Jard. Gorenki (ed. 1812) 6. 1812.
= **Arundinaria gigantea** (Walter) Muhl.

*Trochera* Rich., Observ. Phys. 13: 225. 1779. TYPE: *Trochera striata* Rich.
NOTE: nom. rejic. against *Ehrharta* Thunb.
= **Ehrharta** Thunb.

*Tschompskia* Asch. & Graebn., Syn. Mitteleur. Fl. 2,1: 772. 1902. T-Protol.: TS: Arundinaria simonii.
NOTE: nom. nud.
= **Arundinaria Michx.**

*Turraya* Wall., Numer. List 291, no. 8637d. 1847. TYPE: *Leersia hexandra* Sw.
NOTE: nom. nud.
= **Leersia** Sol. ex Sw.

*Yadakeya* Makino, J. Jap. Bot. 6: 16. 1929. TYPE: *Yadakeya japonica* (Siebold & Zucc. ex Steud.) Makino
NOTE: nom. illeg. superfl.
= **Pseudosasa** Makino ex Nakai

*Yadakeya japonica* (Siebold & Zucc. ex Steud.) Makino, J. Jap. Bot. 6(7): 16. 1929. Basionym: *Arundinaria japonica* Siebold & Zucc. ex Steud.
= **Pseudosasa japonica** (Siebold & Zucc. ex Steud.) Makino ex Nakai

*Yushania acuminata* (Munro) McClure, Smithsonian Contr. Bot. 9: 119. 1973. Basionym: *Arundinaria acuminata* Munro
= **Otatea acuminata** (Munro) C.E. Calderón & Soderstr.

*Yushania aztecorum* McClure & E.W. Sm., Smithsonian Contr. Bot. 9: 116, f. 46, 47A-M. 1973. T-Protol.: Mexico: Sinaloa: collected at ca. 450 m on La Dispensa, an elevated area inland from Rosario, 5 Aug 1943, *F.A. McClure 21204* [HT: US ]. T-Specim.: 1 of 1. Mexico: Sinaloa, 5 Aug 1943, *F.A. McClure 21204* [HT: US-2877023, US-2877024, US-2877025, US-2877026, US-2877027, US-2877028, US-2877029, US-2877030, US-2877031, US-2877032, US-2877033, US-2877034, US-2877035, US-2877036, US-2877037, US-2877050].
= **Otatea acuminata** subsp. **aztecorum** (McClure & E.W. Sm.) R. Guzmán, Anaya & Santana

*Yushania* subg. *Otatea* McClure & E.W. Sm., Smithsonian Contr. Bot. 9: 116. 1973. TYPE: *Yushania acuminata* (Munro) McClure
= **Otatea** (McClure & E.W. Sm.) C.E. Calderón & Soderstr.

## Zizania

**Zizania** L., Sp. Pl. 2: 991. 1753. TYPE: *Zizania aquatica* L.; LT designated by Reveal, Phytologia 72: 6 (1992)
TRTD. BY: Terrell & M. R. Duvall.
NHT: Zizaniinae. SPP.: 4
SYN.: *Ceratochaete* Lunell; *Elymus* J. Mitch.; *Fartis* Adans.; *Hydropyrum* Link; *Melinum* Link.

**Zizania aquatica** L., Sp. Pl. 2: 991. 1753. T-Specim.: 1 of 1. *Anon.* [LT: LINN-1119.1], LT designated by Reveal, Phytologia 72: 6 (1992).
DST.: Cana, USA.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Chen, Qin, Jin & Pu (1988); Dore (1969); Fernald (1950); Gleason & Cronquist (1991); Godfrey & Wooten (1979); Great Plains Flora Association (1986); Hitchcock (1951); Moss (1983); Radford, Ahles & Bell (1968); Scoggan (1978); Small (1933); Terrell et al. (1997); Wunderlin (1998).
SYN.: *Hydropyrum esculentum* Link; *Stipa angulata* L. ex Steud.; *Zizania effusa* Munro.

*Zizania aquatica* subsp. *angustifolia* (Hitchc.) Tzvelev, Novosti Sist. Vyss. Rast. 8: 73. 1971. Basionym: *Zizania aquatica* var. *angustifolia* Hitchc.
= **Zizania palustris** var. **palustris**

*Zizania aquatica* var. *angustifolia* Hitchc., Rhodora 8(95): 210. 1906. T-Protol.: USA: Maryland: Belgrade, Aug. 1895, *Scribner s.n.* [HT: US ]. T-Specim.: 1 of 1. USA: Maine: Belgrade, Aug 1895, *F.L. Scribner s.n.* [HT: US-80339].
= **Zizania palustris** var. **palustris**

**Zizania aquatica** L. var. **aquatica**
DST.: Cana, USA.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Dore (1969); Fernald (1950); Gleason & Cronquist (1968); Hitchcock et al. (1969); Scoggan (1978); Terrell et al. (1997); Voss (1972).
SYN.: *Ceratochaete aquatica* (L.) Lunell; *Hydropyrum esculentum* Link; *Zizania aquatica* subsp. *aquatica*; *Zizania aquatica* var. *subbrevis* B. Boivin; *Zizania clavulosa* Michx.

*Zizania aquatica* subsp. *brevis* (Fassett) S.L. Chen, Proc. Int. Symp. Bot. Gard. 600. 1990. Basionym: *Zizania aquatica* var. *brevis* Fassett
= **Zizania aquatica** var. **brevis** Fassett

**Zizania aquatica** var. **brevis** Fassett, Rhodora 26(308): 157. 1924. T-Protol.: Canada: Quebec: st. Lawrence River, rocky tidal flats, Levis, 9 Aug 1923, *Svenson & Fassett 853* [HT: GH ]. T-Specim.: 1 of 1. Canada: Quebec: Levis Co.: rocky tidal flats of St. Lawrence River, Levis, 9 Aug 1923, *H.K. Svenson & N.C. Fassett 853* [HT: GH(photo, US-2797822)].
DST.: Cana.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Anonymous (1986); Chen, Qin, Jin & Pu (1988); Dore (1969); Fernald (1950); Gleason & Cronquist (1968); Scoggan (1978); Terrell et al. (1997).
SYN.: *Zizania aquatica* subsp. *brevis* (Fassett) S.L. Chen.

*Zizania aquatica* var. *interior* Fassett, Rhodora 26(308): 158. 1924. T-Protol.: USA: Iowa: Armstrong, 27 Aug 1897, *Pammel & Cratty 764* [HT: GH ]. T-Specim.: 1 of 1. USA: Iowa: Emmet Co: Armstrong, 27 Aug 1897, *L.H. Pammel & R.I. Cratty 764* [HT: GH; IT: US-32087].
= **Zizania palustris** var. **interior** (Fassett) Dore

*Zizania aquatica* var. *subbrevis* B. Boivin, Naturaliste Canad. 94: 528. 1967. T-Protol.: Canada: Russell Co.: Casselman, in water, 21 Aug 1884, *J.M. Macoun 28938* [HT: CAN ].
= **Zizania aquatica** var. **aquatica**

*Zizania bonariensis* Balansa & Poitr., Bull. Soc. Hist. Nat. Toulouse 12: 228, t. 3. 1878. T-Protol.: Hab. République argentine: bords des Marais à Buénos-Ayres, cultivée dans un des bassins de Paséo, Julio.
= **Zizaniopsis bonariensis** (Balansa & Poitr.) Speg.

*Zizania clavulosa* Michx., Fl. Bor.-Amer. 1: 75. 1803. T-Protol.: Hab. in aquosis Americae septentrionalis. T-Specim.: 1 of 1. North America, *A. Michaux s.n.* [T: ?].
= **Zizania aquatica** var. **aquatica**

*Zizania effusa* Munro, Proc. Linn. Soc. Lond. 6: 52. 1862.
NOTE: as syn. of *Zizania aquatica* L.
= **Zizania aquatica** L.

*Zizania fluitans* Michx., Fl. Bor.-Amer. 1: 75. 1803. T-Protol.: Ad lacum Champlain, The published locality must an error: see Hitchcock, Contr. U.S. Natl. Herb. 12: 156 (1908). T-Specim.: 1 of 1. USA: in stagnantibus Carolinae Georgiae ae alibi copiosissime juxta Charleston, *Michaux s.n.* [HT: P], Terrell & Robinson, Bull. Torrey Bot. Club 101: 244 (1974) noted that the locality on the type specimen is Charleston, South Carolina.
= **Luziola fluitans** (Michx.) Terrell & H. Rob.

*Zizania interior* (Fassett) Rydb., Brittonia 1(2): 82. 1931. Basionym: *Zizania aquatica* var. *interior* Fassett
= **Zizania palustris** var. **interior** (Fassett) Dore

**Zizania latifolia** (Griseb.) Turcz. ex Stapf, Bull. Misc. Inform. Kew 1909: 385. 1909. Basionym: *Hydropyrum latifolium* Griseb.
DST.: USA.
LVL. ACCPTC.: 1; introduced.
ALSO ACCPTD BY: Bor (1960); Chen, Qin, Jin & Pu (1988); Dore (1969); Edgar, Connor & Shand (1991).
SYN.: *Hydropyrum latifolium* Griseb.

*Zizania lenticularis* Michx. ex P. Beauv., Ess. Agrostogr. 182. 1812.
NOTE: nom. nud.
= **Leersia lenticularis** Michx.

*Zizania lenticularis* (Michx.) Steud., Nomencl. Bot. 1: 898. 1821. Basionym: *Leersia lenticularis* Michx.
= **Leersia lenticularis** Michx.

*Zizania microstachya* Nees ex Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 5,3(4): 183. 1839 [1840 Feb]. T-Protol.: Brasilia.
= **Zizaniopsis microstachya** (Nees ex Trin.) Döll & Asch.

*Zizania miliacea* Michx., Fl. Bor.-Amer. 1: 74-75. 1803. T-Protol.: Hab. in aquosis Americae septentrionalis.
= **Zizaniopsis miliacea** (Michx.) Döll & Asch.

*Zizania natans* Michx. ex P. Beauv., Ess. Agrostogr. 135. 1812.
NOTE: nom. nud.
= **Luziola caroliniensis** (P. Beauv.) Raspail

*Zizania natans* Bosc ex Trin., Mem. Acad. Imp. Sci. Saint-Petersbourg, Ser. 6, Sci. Math., Seconde Pt. Sci. Nat. 5,3(4): 186. 1839 [1840 Feb].
NOTE: nom. inval., as syn. of *Hydrochloa caroliniensis* P. Beauv.
= **Luziola caroliniensis** (P. Beauv.) Raspail

**Zizania palustris** L., Mant. Pl. 295. 1771. T-Protol.: Habitat in Americae septentrionalis aquosis. T-Specim.: 1 of 1. Garden plant grown at Uppsala, *Anon.* [LT: LINN-1119.2], LT designated by Reveal, Phytologia 72: 7 (1992).
DST.: Cana, USA.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Chen, Qin, Jin & Pu (1988); Dore (1969); Edgar, Connor & Shand (1991); Terrell et al. (1997).

*Zizania palustris* subsp. *interior* (Fassett) S.L. Chen, Proc. Int. Symp. Bot. Gard. 600. 1990. Basionym: *Zizania aquatica* var. *interior* Fassett
= **Zizania palustris** var. **interior** (Fassett) Dore

**Zizania palustris** var. **interior** (Fassett) Dore, Publ. Dep. Agric. Canada 1393: 20. 1969. Basionym: *Zizania aquatica* var. *interior* Fassett
DST.: Cana, USA.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Gleason & Cronquist (1991);

Hickman (1993); Terrell et al. (1997).
SYN.: *Zizania aquatica* var. *interior* Fassett; *Zizania interior* (Fassett) Rydb.; *Zizania palustris* subsp. *interior* (Fassett) S.L. Chen.

*Zizania palustris* L. subsp. *palustris*
= **Zizania palustris** var. **palustris**

**Zizania palustris** L. var. **palustris**
DST.: Cana, USA.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Dore (1969); Gleason & Cronquist (1991); Terrell et al. (1997).
SYN.: *Melinum palustre* (L.) Link; *Zizania aquatica* subsp. *angustifolia* (Hitchc.) Tzvelev; *Zizania aquatica* var. *angustifolia* Hitchc.; *Zizania palustris* fo. *purpurea* Dore; *Zizania palustris* subsp. *palustris*.

*Zizania palustris* fo. *purpurea* Dore, Naturaliste Canad. 103(6): 565. 1976 [1977]. T-Protol.: Canada: Ontario: Ottawa Distr.: in Castor River, 2 miles E of Embrun, Russell Ciunty, 21 Sep 1949, *W.G. Dore & R.J. Moore 10587* [HT: DAO-135135]. T-Specim.: 1 of 1. Canada: Ontario: Russell Co.: in Castor River, 2 mi E of Embrun, 21 Sep 1949, *W.G. Dore & R.J. Moore 10587* [HT: DAO].
= **Zizania palustris** var. **palustris**

**Zizania texana** Hitchc., J. Wash. Acad. Sci. 23(10): 454. 1933. T-Protol.: USA: Texas: collected at San Marcos, in running water, Apr 1932, *W.A. Silveus 518* [HT: US-1537174 ]. T-Specim.: 1 of 1. USA: Texas: Hays Co: San Marcos River near San Marcos, Apr 1932, *W.A. Silveus 518* [HT: US-1537174; IT: K, US-1720531].
DST.: USA.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Anonymous (1986); Chen, Qin, Jin & Pu (1988); Correll & Johnston (1970); Dore (1969); Hitchcock (1951); Terrell et al. (1997).

*Zizanieae* trib. Hitchc., U.S.D.A. Bull. (1915-23) 772: 18. 1920. TYPE: *Zizania* L.
= **Oryzeae** trib. Dumort.

## Zizaniinae subtrib. Benth., J. Linn. Soc., Bot. 19(115, 116): 54. 1881. TYPE: *Zizania* L.

TRTD. BY: The authors.
NHT: Oryzeae.

## Zizaniopsis Döll & Asch., Fl. Bras. 2(2): 12. 1871. TYPE: *Zizaniopsis microstachya* (Nees ex Trin.) Döll & Asch.

TRTD. BY: Terrell & M. R. Duvall.
NHT: Luziolinae. SPP.: 5

**Zizaniopsis bonariensis** (Balansa & Poitr.) Speg., Anales Mus. Nac. Buenos Aires 7: 183. 1902. Basionym: *Zizania bonariensis* Balansa & Poitr.
DST.: Arge, Braz, Urug.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Burkart (1969); Fabris (1970); Hunziker (1970); Rosengurtt, Arrillaga de Maffei & Izaguirre de Artuco (1970); Zuloaga et al. (1994).
SYN.: *Zizania bonariensis* Balansa & Poitr.

**Zizaniopsis killipii** Swallen, Contr. U.S. Natl. Herb. 29(6): 273. 1949. T-Protol.: Colombia: Chocó: in water in dense tidal forest on banks of Quebrada Togoromá, 13 Jun 1944, *Killip & Cuatrecasas 39099* [HT: US-1856268, US-1856269]. T-Specim.: 1 of 1. Colombia: Chocó, 13 Jun 1944, *E.P. Killip & J. Cuatrecasas 39099* [HT: US-1856268, US-1856269].
DST.: Colo.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Swallen (1948).

**Zizaniopsis microstachya** (Nees ex Trin.) Döll & Asch., Fl. Bras. 2(2): 13, t. 3. 1871. Basionym: *Zizania microstachya* Nees ex Trin.
DST.: Braz.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Filgueiras (ined.); Renvoize (1984); Renvoize (1988); Smith, Wasshausen & Klein (1982).
SYN.: *Zizania microstachya* Nees ex Trin.

**Zizaniopsis miliacea** (Michx.) Döll & Asch., Fl. Bras. 2(2): 13. 1871. Basionym: *Zizania miliacea* Michx.
DST.: Mexi, USA.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Anonymous (1986); Beetle (1977); Correll & Johnston (1970); Fernald (1950); Gleason & Cronquist (1968); Gleason & Cronquist (1991); Godfrey & Wooten (1979); Hitchcock (1951); Long & Lakela (1971); McVaugh (1983); Radford, Ahles & Bell (1968); Small (1933); Wunderlin (1998).
SYN.: *Zizania miliacea* Michx.

**Zizaniopsis villanensis** Quarin, Hickenia 1: 40. 1976. T-Protol.: Argentina, *Quarin 2943* [HT: CTES; IT: BAA, SI, K, US ]. T-Specim.: 1 of 1. Argentina: Santa Fe: General Obligado Dept., 19 Jan 1975, *C.L. Quarin 2943* [HT: CTES; IT: BAA, SI, K, US-2769136].
DST.: Arge.
LVL. ACCPTC.: 1.
ALSO ACCPTD BY: Zuloaga et al. (1994).

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